The
CHEMIST AND DRUGGIST
for RETAILER - WHOLESALER - MANUFACTURER

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3382
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AN ASSOCIATION
OR THE MANUFACTURE OF PHARMACEUTICAL PREPARATIONS OF THE FINEST QUALITY
ND THEIR DISTRIBUTION THROUGHOUT THE UNITED KINGDOM AND THE WORLD
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'LERTIGON'

(HISTAMINE AZOPROTEIN)

Extensive investigation during recent years supports the hypothesis that histamine released from tissue cells by an antigen-antibody reaction plays a fundamental role in anaphylaxis and allergy. Basing their work on the theory that an artificial immunity to histamine might be obtained by using a histamine-protein complex as an antigen, workers in the Parke-Davis Laboratories developed an antigenic complex by combining histamine with despeciated horse - serum globulin. This product, known as 'Lertigon,' is now available for supply to the medical profession in 5 c.c. vials.

•

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It's advertised as a Chemist's Line

Elasto

REGISTERED

The Wonder Tablet

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(Original letters have been seen by a representative of "The Chemist and Druggist")

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P 1180. —— R. P.

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AT 1108. —— F. T.

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AH 1263. —— E. H.

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APPROXIMATE ACTIVE CONSTITUENTS

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RETAIL :
1/6½ and 2/9 per bottle.

COST :
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Corrects menstrual irregularities and relieves distress during the menopause.

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PATA

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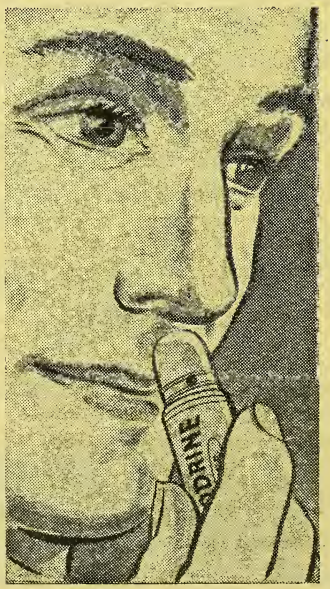

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BUT IT HAS ALSO PROVED A REMARKABLE BUSINESS GETTER OWING TO THE CONSTANT FLOW OF REPEAT ORDERS.

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M-W.44

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Antiphlogistine

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Tonsillitis Laryngitis
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follow in the wake of changeable winter weather, and chemists and druggists will have many physicians' prescriptions for Antiphlogistine as a consequence.

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69-70 GORDON MANSIONS
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NEED
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This wonderful Medical Restorative BRINGS IMMEDIATE RELIEF IN ALL CASES OF NERVE STRAIN, DEPRESSION, TIRED and LISTLESS APPEARANCE, MENTAL and PHYSICAL EXHAUSTION.

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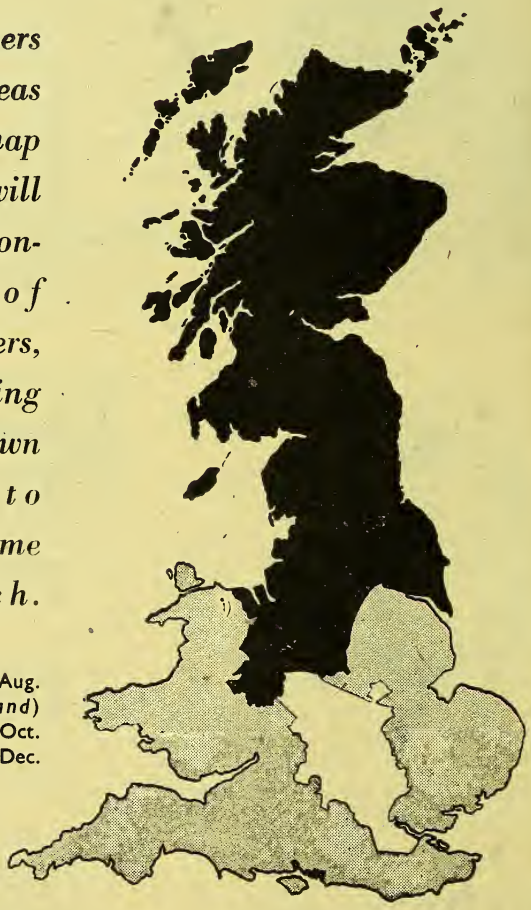

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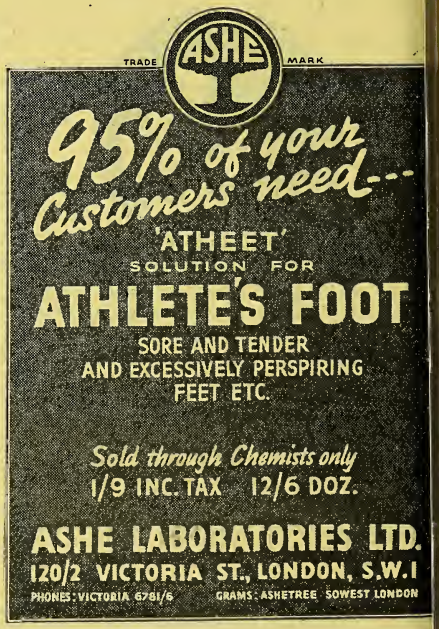

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To give a man a feeling of real fitness, a sense of confident well-being—that's the promise and the purpose of 'LITESOME.'

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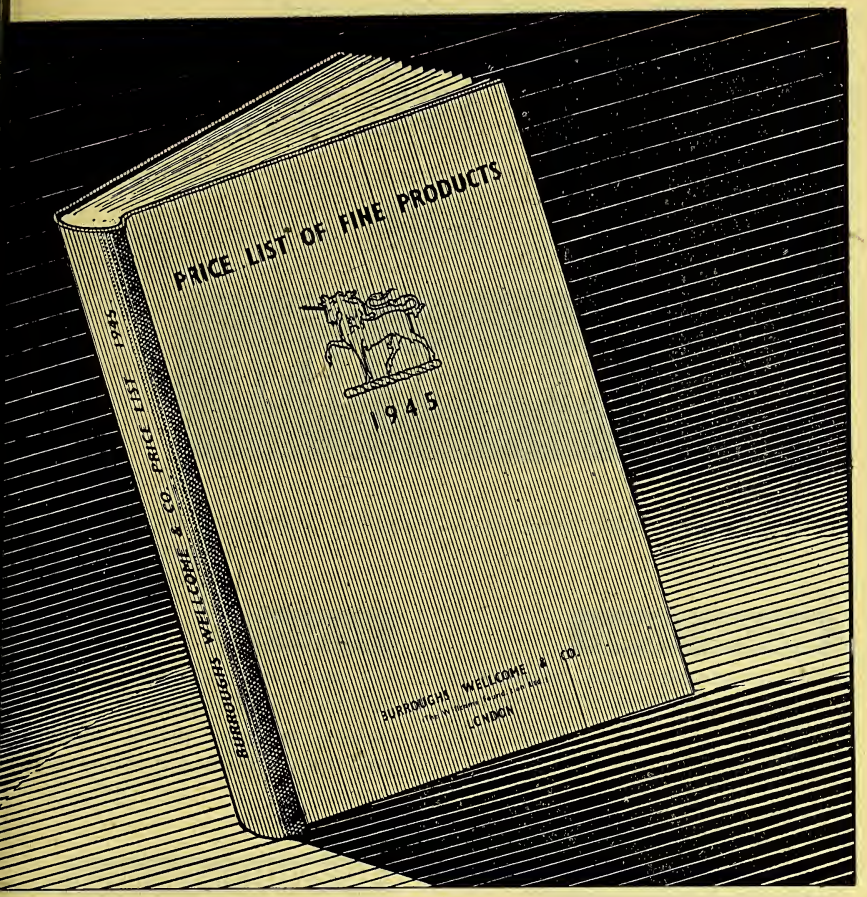

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s the edition is limited we would urge l retailers and wholesalers who equire a copy to place their orders *OW*, in advance of publication.

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a 1 per cent. ointment producing prolonged analgesia in chaps, herpes zoster, burns, sunburn, anal fissure, hæmorrhoids, pruritus.

(*Tubes of* 1 *oz.*)

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NEWS OF THE WEEK

Civilian Air Letters.—The General Post ice announces that civilian air letters y now be sent to Canada, Newfoundland, itish West Indies and the Falkland ands. The service is also available to npire and British-mandated territories in rica, Asia and the Pacific, to Malta, ypt, Egyptian Sudan, Irak and Iran.

Remittances to France.—The Treasury nounces that interim reciprocal arrangeents have been made which permit limited nittances to be made to the French ainland and Monaco for travellers visiting ose areas on approved business, and for rtain other specified purposes. Informaon can be obtained from any bank.

Window Lighting Ban Maintained.—The cent partial relaxation of the black-out strictions, and the decision of the Ministry Home Security to permit increased street hting, have brought no lifting of the ban shop-window lighting. The prohibition, posed in 1942 applies to display lighting any form, including neon signs, and there no power under the Order to grant individual exemptions. The Minister of Fuel and Power holds out no hope of relaxing this restriction in the near future.

Christmas and New Year Holidays.—The Government, through the Ministry of Labour and National Service, has issued a recommendation to employers that Saturday, December 23; Christmas Day, December 25; and Tuesday, December 26, or alternatively, Saturday, December 30; New Year's Day; and January 2, 1945, should, in general, be approved holidays. If a decision to follow the Government's recommendations entails a departure from arrangements agreed or established by custom or practice, care should be taken to agree the variations beforehand with the appropriate representatives of the workers.

War Risks Insurance.—The Board of Trade announces all policies for fixed sums under the Commodity Insurance Schemes which are in force on December 2, 1944, will be extended until March 2, 1945, without further payment of premium or the necessity for further action. Policies under

the Business Scheme which are in force on December 31, 1944, will be extended until March 31, 1945, and policies under the Private Chattels Scheme, which are due to expire on or after November 23, 1944, and prior to April 30, 1945, will be extended to April 30, 1945.

Export Drive.—Arrangements have been made for representatives of the Federation of British Industries to visit countries in all parts of the world to prepare the way for restoration of the export trade of Great Britain.

Liverpool Co-op Trading Results.—Sales in the two pharmacies of Liverpool Co-operative Chemists, Ltd., which is associated with Liverpool Co-operative Society, Ltd., amounted to £8,417 during the thirty-four weeks to September 16. In the same period, sales from the nine drug stores of the Society totalled £21,421.

Lipstick at the Battlefront.—In an address in New York on November 27, Lord Halifax (the British Ambassador) disclosed that the United States has shipped lipsticks to Great Britain under the Lend-Lease arrangement. "The truth is," said Lord Halifax, "that lipstick has been found to be the best method of marking the nature of wounds on battle casualties, and has been sent for that reason."

Benevolent Fund Drive in Liverpool.—Liverpool Branch of the Pharmaceutical Society, which in pre-war years, by means of special appeals and social gatherings, raised about £150 per annum for the Society's Benevolent Fund, is making a vigorous drive to maintain that standard. Members of the committee have been visiting chemists in the pharmacies, and to date have raised £75 towards this year's appeal.

Pharmaceutical Students' Report.—The British Pharmaceutical Students' Association has now published, as a 24-page booklet, a report of the proceedings at its annual conference held earlier in the year. Mr. G. E. Trease's address on "Teaching Methods in Pharmacy, Past, Present, and Future," is printed in full. The report is available to students through their colleges. Apprentices and others who are interested may obtain a copy (price sevenpence, post free) from the Association at 3 King's Parade, Cambridge.

Eire Health Scheme.—The Medical Association of Eire has put before the Minister for Local Government and Public Health proposals for reforms in the hea services of Eire. The Association belie that participation in the scheme should compulsory, and has designed its plan take in all wage-earners between th likely to patronise existing dispensa and those earning £400 per annum, contributions being graded according earnings. Health centres would be est lished and doctors would be encouraged group their efforts and knowledge for better administration of the scheme.

Disabled Men in Shops.—The secret of the National Amalgamated Union Shop Assistants, Warehousemen and Cle (to which the Association of Pharmac tical Employees is affiliated) has issue statement on the absorption into the tributive trades of a "reasonable quo of disabled ex-servicemen. The statem emphasises the importance of planning course of training for such persons so t after passing through it they will not at any disadvantage against employ who have entered the trades in other wa upon satisfactory completion of the cou it urges they should be paid on the sa basis as that applicable to persons w have entered the trades through norr channels.

Lecture on D.D.T.—The Aldred lect of the Royal Society of Arts was given November 22 by Professor I. M. Heilbr F.R.S., who chose as his subject "The N Insecticidal Material D.D.T." Profes Heilbron said it was probable that in ev war more deaths were due to disease t to the enemy, and in 1943 a Research a Development Panel had been set up in t country, within the Ministry of Producti to co-ordinate work on insecticides. It s came to the notice of the Panel that *p* dichlorodiphenyl-trichlorethane (D.D. had been found to have marked insecticid powers. A vast programme of resea was drawn up, and a host of scienti concentrated their efforts on examin and developing the compound.

Retail Distributors' Council.—At second annual conference of the Council Retail Distributors, held in London November 23, a resolution was pass instructing the executive committee proceed with a Parliamentary Bill, to called the "Limitation of Multiple Sh Bill," the object of which is to preve multiple businesses from opening n shops after the passing of the Bill. suggestion was also put forward that Council should have a section for sm

lependent wholesalers. A questioner o asked whether the strength of com- ıes and multiples would enable them to quire the majority of new shops built on lanned sites after the war was reassured ıt the Council had discussion on this tter well in hand.

Irish Chemists' Golf.—The eighteenth nual meeting of the Irish Chemists' lfing Society was held in Dublin on vember 13, Mr. S. J. Savage (captain) esiding. The reports of the secretary r. Philip Fahey) and treasurer (Mr. J. Roche) recorded a very successful ason. Mr. A. Maher, M.P.S.I., Drogheda rmer captain of Baltray Golf Club), was animously elected captain. Messrs. hey (secretary), Roche (treasurer), P. C. hill and B. R. Smith (auditors) were all animously re-elected, together with the lowing committee: Messrs. M. Leonard, R. Smith, M. Costelloe, J. Smyth, P. Auliffe, and F. J. Roche. It was decided inaugurate the 1945 season with an ormal dinner, and to hold the three-day nual tournament early in June.

Bath Branch Officers.—The annual meet- g of the Bath Branch of the Pharmaceu- al Society was held on November 22. A ggestion by the secretary that it should merged, with the local branch of the ational Pharmaceutical Union, into a ath Pharmaceutical Association was nega- ved, and it was also decided to adhere to e present date for the annual meeting. r. L. E. Williams was appointed *President* d Mr. A. O. Barton *Vice-president.* The *easurer* (Mr. G. H. Moore) was re-elected, d when the existing secretary (Mr. W. J. allett) announced that he did not wish to ntinue in office, Mr. T. Swain was ap- inted *Secretary* in his place. The following embers of committee were appointed by llot, with power to co-opt employee armacists to make the total membership the committee 10–12: Messrs. T. J. rnish, A. P. Curtis, H. T. Doble, A. H. ale, E. C. Haskins, W. Lacey and C. agerson.

Irish Drug Association.—Mr. Lyall G. nith (president) was in the chair at the ovember meeting of the Committee of the ish Drug Association, when £5 was voted the treasurer of the Benevolent Fund nce committee. Members were urged to tend the dance on December 12, or to nd a subscription towards the expenses. e following were appointed to meet re- esentatives of the wholesalers to discuss ices for packed goods, sundries, etc.: The president, Messrs. G. C. O'Neill (vice-president), T. R. Rourke, D. J. Bridgeman, A. J. Donnell, and G. A. McLean Lee. It was decided to draw the attention of cross-channel manufacturers to the approved lists, and to point out that members disapprove of a tendency by some manufacturers to go outside the normal drug trade in distributing medicinal preparations. It was reported that Sulfanex powder and ointment were now confined to chemists and druggists, and these preparations were accordingly added to the approved list of manufacturers.

Manchester Joint Meeting.—Mr. H. Gartside, B.Sc., Ph.C., gave an address on "Research and the Pharmacist" to the Manchester branch of the National Association of Women Pharmacists, the Manchester Pharmaceutical Association, and the local branch of the Pharmaceutical Society on November 16. The work of the pharmacist in relation to biological research was, he said, of the utmost importance. With advances in chemotherapy clinicians looked ever more frequently to the field of organic chemistry for their drug of choice. It was the work of the organic chemist to discover and produce new compounds, but it was still the prerogative of the pharmacist to convert those bulk drugs into suitable pharmaceutical preparations, either for the furtherance of laboratory experiments or for the elucidation of their value in clinical trials. The research pharmacist must choose his preparations carefully. It was his responsibility to meet the specified requirements of his colleagues, the physiologist, pharmacologist, parasitologist, and the like, as well as the clinician. In so doing he had to look to the future, as well as to immediate requirements for, at a later stage, he might be called upon to establish large-scale processes for the pharmaceutical preparations and lay down specifications, in co-operation with the analytical chemists, for quality control. Research was therefore a combined effort of all the sciences. If the new drugs were available in bulk form, as many were, it was within the scope of the professional pharmacist to examine preparations and add to the fund of general knowledge. Contacts between pharmacist and physician were of considerable value to the parties intimately concerned, and the knowledge and experience thus gained, if carefully recorded, could be of immense value to their colleagues in the research laboratories. A vote of thanks to Mr. Gartside was proposed by Mr. Harry Brindle and carried with applause.

LEGAL REPORTS

Unauthorised Use of Caustic Potash.—At Liverpool, on November 24, William Muskett Delf, trading as W. M. Delf & Co., was fined £50, with £26 5s. costs, for using caustic potash in the production of soft soap for non-industrial purposes without authority to do so. For the Ministry of Supply it was admitted that Delf derived no financial gain by contravening the Control of Caustic Potash and Carbonate of Potash Order. He was entitled to use the potash for industrial purposes, but had used it to make soap for hairdressers.

Committed for Trial.—At Bow Street, London, police court on November 18, Dilruba, Ltd., Nathaniel Mackover, Rashid Anwar, Leo Katz, and Eleaza Sussman Bornstein were committed for trial on a summons alleging a conspiracy to defeat the provisions of the Toilet Preparations Order (see *C. & D.*, November 11, p. 498). All pleaded not guilty. Mackover said he acted as solicitor in the formation of the company, and, because of the shortage of secretaries, agreed to become secretary up to the completion of the first meeting. He received no remuneration beyond his professional fees, and had no knowledge of the business except what he was told by his clients.—On November 19, at the same court, Harry Kolinsky, bookmaker, Baker Street, London, W., George Philip Thomas, traveller, Shepherds Bush, Simon Baetu, clerk, Brent, N.W., and Mrs. Florence May Khan, 29 Hyde Park Mansions, W., were charged on remand with being concerned in buying or receiving, as selling agents, perfumes in contravention of the Toilet Preparations Order. It was alleged that Mrs. Khan had admitted manufacturing perfumes, and said they were disposed of by Baetu and Kolinsky. After formal evidence the Board of Trade, on the ground that there was no evidence to support the case against Thomas, asked that he should be discharged, and the charge against Thomas was accordingly dismissed. The other accused, who pleaded not guilty, and reserved their defence, were committed for trial.

Controlled Goods Unlawfully Made.—At Old Street, London, magistrates' court, on November 17, Bertie Price and Anne Levinson, said to be brother and sister, were each fined £50, with £13 2s. 6d. costs, for unlawfully manufacturing controlled goods contrary to the Toilet Preparations Order, 1943. Price was fined an additional £50 for furnishing a document which was false in a material particular. Defendants were found unloading six cartons from a taxicab. The cartons were found to contain 1,560 ½-oz. bottles of perfume, and Mrs. Levinson put forward the explanation that she had been in partnership with an Indian, the partnership had been dissolved, and he had given her the perfume in settlement of her share. Premises occupied by the defendants at Spital Square, London, E., were searched, and moulds, bottles of liquid and other articles found. A torn-up invoice was pieced together, and inquiries showed that Price had, on a number of occasions, obtained controlled goods from a firm where he was known as "Mr. Kirk." In January he signed in that name a declaration that on October 1, 1941, he was manufacturing toilet preparations, and on the strength of the declaration he was supplied with 1½ lb. of essences. Defence claimed that Mrs. Levinson got from the Indian the sort of things needed for manufacturing perfumes, and used the place at Spital Square to keep them in. Where she went wrong was in making up material into the manufactured article. She did not supply any of the perfume, but was keeping it in the hope that one day the restrictions would be lifted and she would be able to sell them.

INQUEST

Arsenical Intolerance.—At an inquest on Miss Maisie Granger, Islington, which was concluded at St. Pancras, London, on November 13, evidence was given that the deceased, who died in the Royal Free Hospital from arsenical dermatitis, had been undergoing a treatment which included small doses of an arsenical preparation to which she showed complete intolerance. Professor Rudolph Peters (Department of Biochemistry, University Museum, Oxford), on whose advice the treatment was given, told the coroner that the preparation was released for treatment under certain limitations, but he was not prepared in open court to say of what it consisted. A representative of the Ministry of Supply, who was present, had a private conference with the coroner, but was not allowed to give evidence, and the coroner said he appreciated that, on grounds of medical research, it would not be well for the name of the chemical constituents of the substance to be designated. A verdict of death from natural causes was returned.

TOPICAL REFLECTIONS

Useful Discussion

The fact that 123 votes were recorded one stage of the recent meeting of nch representatives of the Pharmaceu- l Society (pp. 561, 564) indicates a d attendance; and your report of the ceedings, though not concluded at the e of writing, evidences a sound grasp oth principle and detail by the speakers a whole. The majority of your readers e probably found their main interest the part of the discussion headed "Ser- e in Individual Pharmacies." The stion of how demands for unusual stances are to be met seems to have racted most of the attention at the eting. That question is not to be swered off-hand. One speaker found a tential drawback to allowing patients cess to a central pharmacy of the type posed, fearing that "there would be a at tendency for all dispensing to go ere and none to the individual local armacy." This view was countered by mention of the Bradford scheme under ich medicine dispensed at a central armacy is returned to the shop whence came and reaches the patient in that way. may be that if a system of centralising proposed is adopted, the most practical urse will be to offer any patient bringing at may be called an out-of-the-way escription the choice of leaving it at the cal pharmacy or taking it personally to e recognised central pharmacy. If it is und that the majority of local medical actitioners write prescriptions of this ass, the majority of local chemists will esumably make certain additions to eir stocks in accordance with the demand ey experience.

eallocation of Man-power

Unless the twopenny White Paper on e reallocation of man-power during the terval between the defeat of Germany d that of Japan (p. 563), which Paper am at present unable to obtain, deals ith the question on broader lines than s penny predecessor of two months ago C. & D., September 30, p. 347), I fear that is is merely a case of penny plain and vopence coloured. The truth is that, portant as man-power is in civilian fairs, it will be but one factor in what ou have aptly called a period of "severe djustments." In areas devastated by mbing, the position of a retail trader hose shop has disappeared, together with several more, presents other difficulties. Unless he has had better fortune than most people similarly visited, his trade has vanished. He cannot commence business elsewhere without a licence, obtainable from a possibly distant authority not anxious to encourage newcomers. In the alternative, he may secure other premises near his old site; but will his customers follow him? Again, if he is able to retire on his savings, he is unlikely to obtain either accommodation of a suitable kind or permission to build a house; and even if such permission is granted, it will be followed by a delay of unknown duration while priorities are receiving attention. His interest in man-power is thus likely to be indirect. The question soon to confront the nation as a matter of public policy is whether, for instance, a key man in the building industry is more important than his opposite number in the export trade. Truly there must be, as you say, "severe" adjustments.

The Official Ointments

A comment of a general nature arises from the remarks in this section last week on the Seventh Addendum to the British Pharmacopœia. It may be that the General Medical Council, preoccupied with other matters, has failed to realise how acute is the annoyance caused by the recent changes in pharmacopœial ointments and by the repeated postponement of their operation. The details are fresh in the minds of your readers, and need not be recapitulated. Admittedly there must in war-time be *succedanea*—in plainer English, makeshifts; but this necessity should not involve such an unedifying performance as that of the past eighteen months. It would not be surprising to learn that the formulation of better ointment bases is already being undertaken by dermatologists: if so, it will be wise to await an authoritative pronouncement before making changes in a pottering, aimless kind of way in this class of medicament. Given a rationally conceived series of bases, I see no reason why the official unguenta should not be set forth as the official trochisci are, each formula comprising (with a few possible exceptions) only proportional strength and name of basis, and the formulas for the bases appearing at the beginning of the section. The possible exceptions in my thoughts at the moment are ointment of mercury and mercuric nitrate ointment.

Xrayser

TRADE MARKS

(*From "The Trade Marks Journal," November 8*)

"IRANOFLO"; for industrial, scientific, photographic, and agricultural chemicals, etc. (not being insecticides, fungicides, or weed killers) (1). By Anglo-Iranian Oil Co., Ltd., Britannic House, Finsbury Circus, London, E.C.2. 629,269 (Associated).

"NEPTUNE"; for soaps (3). By J. Bibby & Sons, Ltd., 21 King Edward Street, Liverpool. 629,849.

"ZIPOLENE"; for liquid preparations for dry-cleaning textile materials (3). By Klarzone, Ltd., 1 Red Cross Street, Preston. 629,964.

"FOGDUST"; for fungicides, being hydrated copper oxide (5). By T. Bolton & Sons, Ltd., Mersey Copper Works, Hutchinson Street, Widnes, Lancs. B628,116.

"VINTAVIN" and "VICTAVIN"; for medicated wines; "VINTAMMEN" and "VINTAMMAN"; for medicated tonic preparations (5). By Gale, Lister & Co., Ltd., Galista House, Corn Exchange, Leeds. 629,592, 629,604, 629,593, 629,597 (All Associated).

"HERBAX"; for pharmaceutical herbal preparations (5). By Bees, Ltd., 173–81 Mill Street, Liverpool. 629,851.

"BELLSITE"; for medicinal preparations (5). By F. A. Bellamy & Partners, 27A Penlline Road, Whitchurch, Glam. 629,969.

"SUPEARL"; for artificial teeth (10). By Thornton Plastics, Ltd., Blackpool Road, Thornton, Blackpool. 629,993.

"DARCO"; for paper, not included in other classes, and cardboard (16). By The Darwen Paper Mill Co., Ltd., Darwen, Lancs. 627,845.

"LAWLITE"; for brushes of thermo-setting or thermo-plastic moulding material, etc. (21). By T. H. L. (Plastics), Ltd., 13 Dover Park Drive, Roehampton, London, S.W.15. 630,055.

"CAMBRIAN"; for vinegar (30). By Cambrian Vinegar Co., Ltd., 21 St. James's Square, London, S.W.1. 625,096.

REGISTERED USERS OF REGISTERED TRADE MARKS, ENTERED IN THE REGISTER IN RESPECT OF THE GOODS STATED, SUBJECT TO THE CONDITIONS OR RESTRICTIONS AND ANY LIMITATION OF PERIOD PRINTED IN ITALICS

According to "The Trade Marks Journal" of November 8, 1944, Specification No. 300,453, for medicinal preparations of digitalis for human use, by Wilcox, Jozeau & Co., Ltd., *The Trade Mark is to be used by the Registered User (who is to be the sole registered user while he remains registered) in relation to the goods only if they have been made by or for him in accordance with specifications and descriptions approved from time to time by the Registered Proprietor, and only so long as the Registered Proprietor has the right and is permitted to inspect the goods on the premises of the Registered User before distribution and sale and has the right to be and is supplied by him with samples of the goods on request and only until one year after the end of the present state of war with Germany.*

Also Specification No. 360,828, for salt for use in water-softening plants, by Imperial Chemical Industries, Ltd., *The Trade Mark is to be used by the Registered User (who is to be the sole registered user while he remains registered) in relation to the goods only if they have been manufactured by him in conformity with standards of quality prescribed from time to time by the Registered Proprietor and only so long as the Registered Proprietor has the right and is permitted to inspect the goods and the methods of manufacturing them on the premises of the Registered User.*

COMPANY NEWS

FILL-A-TUBE, LTD. (P.C.).—Capital £200. Tube fillers, bottlers, packers and canners, etc. Ellen C. Perkins and Arthur J. Matthews, directors. R.O.: 69 High Street, Rayleigh, Essex.

LEON PIJANOWSKI, LTD. (P.C.).—Capital £1,000. Makers of artificial limbs and surgical accessories, etc. A. Ostrewski (Polish) and J. Malcome, directors. R.O. 44A Porchester Road, London, W.2.

MARYON PRODUCTS, LTD. (P.C.).—Capital £3,000. Manufacturers of and dealers in perfumes, essences, toilet preparations, etc. Kenneth G. Cramp and Marion G. Cramp, directors. R.O.: 10 Station Parade, London, S.W.12.

NATURAL PRODUCTS, LTD. (P.C.).—Registered in Belfast. Capital £100. Wholesale and manufacturing chemists, mineral water manufacturers, etc. Victor Grattan, Ph.C., Windsor Avenue, Lurgan, and Robert J. Wright, Ph.C., West Street, Carrickfergus, directors.

JAFFAJUCE (SALES), LTD. (P.C.).—Capital £1,000. Dealers in citrus fruit juices and products, citrus by-products, essential oils, etc. Abraham Goldberg (a director of Citrus Products Co., Ltd., and British Palestine Exports, Ltd.) and Louis L. Goldberg, directors. R.O.: 4 Brabant Court, Philpot Lane, London, E.C.3.

C. & D. QUIZ, NO. 42

1. What is Burnett's disinfecting fluid?
2. What is calorific wool?
3. What is aqua gel?
4. What is blue butter?
5. What is pil. rudii?
6. What is crocus Martis?
7. What is *baume de vie*?
8. What is mineral syrup?
9. What is kelpware?
10. What is traumatic balsam?

(*Answers on p. 598*)

TRADE NOTES

Children's Cough Elixir.—Hough, Hoseason & Co., Pendleton, Manchester, draw attention to Ferute children's cough elixir, the formula and terms for which are given on another page.

For Invalids Only.—A request that, owing to shortage of available supplies, Winox meat and malt wine should be supplied solely for the use of invalids, is made by the manufacturers, Beaufoys, Ltd., Caron Place, South Lambeth Road, London, S.W.8.

Preparing for Peace.—Goya, 161 New Bond Street, London, W.1, announce that they are ready with new perfumes, new bottles, boxes and designs for peace-time trade, so soon as conditions again permit large-scale manufacture and distribution of perfume, lipstick, face powder, etc.

Reduced Prices.—Boxfoldia, Ltd., Bournbrook, Birmingham, 29, state that on the basis of fixing profit margins to yield approximately their excess profits tax standard, they have found it possible to reduce all prices by 5 per cent., including orders already booked so far back as October 20 but not delivered.

Surface Anæsthesia.—Ciba, Ltd., The Laboratories, Horsham, Sussex, draw attention in this issue to four specialities, including lozenges, 2 per cent. solution, ointment and suppositories, prepared with Nupercaine anæsthetic.

Agencies in Egypt.—Agencies for post-war business in pharmaceutical chemicals and specialities, surgical instruments, laboratory and photographic supplies, medical rubber necessities, and the like, are invited by the National Hospital Supply Co., Cairo and Alexandria, Egypt. References were given in a recent announcement, and correspondents are requested to write to P.O.B. 1650, Cairo.

Vitamins and Hormones Manufacture.—Advance Scientific Publishers, Inc., 64 Fulton Street, New York 7, U.S.A., have published, in German, three volumes on the manufacture of vitamins and hormones. The first gives a summary of vitamin and hormone research; the second deals with the production of vitamins and the third with hormone production. The U.S. price for the three volumes, paper-bound, is $8.

Business Changes

THE FINE CHEMICAL EXPORT GROUP has been transferred to c/o Albright & Wilson, Ltd., 12 Upper Belgrave Street, London, S.W.1.

MR. H. SHAPIRO, B.Sc., A.R.I.C., has been appointed chief chemist of Bayer Products, Ltd., in succession to Mr. M. A. Phillips, D.Sc.

THE LOCAL PRICE REGULATION COMMITTEE, London region, has removed to 23 Buckingham Gate, Westminster, London, S.W.1; telephone: Victoria 7503.

Proprietary Articles Trade Association

Additions to Protected List.—*Foaminol Laboratories, Ltd.*, Foaminol liquid soapless shampoo, 19s. 6d. doz., tax 6s. 6d. doz., inclusive retail price 3s.

Glaxo Laboratories, Ltd., Acramine yellow (5-aminoacridine hydrochloride). New 5-gm. pack introduced on November 9, 56s. doz., tax 9s. doz., inclusive retail price 7s. 9d. The size is additional to existing pack of 25 gm.

COMING EVENTS

Tuesday, December 5

BRIGHTON AND HOVE ASSOCIATION OF PHARMACY, Union Church Institute Hall, Queen's Square, Brighton, at 7.30 p.m. Annual meeting.

ROYAL INSTITUTION, 21 Albemarle Street, London, W.1, at 5.15 p.m. Sir Henry Dale, O.M., F.R.S. (Fullerian Professor of Chemistry), on "Modern Developments in Chemical Therapeutics" (first of three weekly lectures).

NEWCASTLE DISTRICT AND NORTHUMBERLAND BRANCH, PHARMACEUTICAL SOCIETY and local branch of the National Pharmaceutical Union, Crown Hotel, Clayton Street, Newcastle-on-Tyne, at 7.15 p.m. Joint meeting to receive Conference reports; Chemists' Friends "Quiz."

Wednesday, December 6

MANAGING CHEMISTS' SECTION, NATIONAL CO-OPERATIVE MANAGERS' ASSOCIATION, LTD., Central Halls, Bath Street, Glasgow, at 7 p.m. Election of office-bearers.

NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, 17 Bloomsbury Square, London, W.C.1, at 7 p.m. Mrs. J. K. Irvine, M.B.E. (a member of the Society's Council), on "The Nationalisation of Pharmacy."

Thursday, December 7

ROMFORD BRANCH, PHARMACEUTICAL SOCIETY, King's Hall, King's Head Hotel, Romford, 7–10.30 p.m. Dance. Tickets 3s. each from any member of the committee.

Friday, December 8

ROYAL INSTITUTION, 21 Albemarle Street, London, W.1, at 4.30 p.m., Lieutenant-Colonel E. F. W. Mackenzie (director of water examination, Metropolitan Water Board) on "London's Water Supply."

BIRTH

PALMER.—At 12 Shepherd's House Lane, Earley, Reading, on November 27, Monica Andrée (*née* Edwards), M.P.S., wife of R. L. Spencer Palmer, M.P.S., of a daughter.

DEATHS

BELLRINGER.—At the Cottage, Hanover Square, Higher Broughton, Salford, on November 14, after a short illness, Mrs. Beatrice Eleanor Bellringer, wife of Mr. Harry Bellringer, M.P.S., 20 Great Clowes Street, Manchester, aged sixty-one.

CRAGG.—On November 12, Mr. William Cragg, M.P.S., aged sixty-three. Mr. Cragg's address in the Register was 214 Arkwright Street, Nottingham. A native of Grimsby, Mr. Cragg served his apprenticeship at Bedford, and removed to Nottingham in order to open in business in Arkwright Street under the style of Cragg & Shepherd.

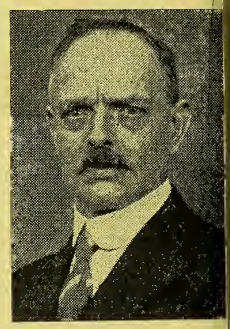
CROZIER.—Recently, Mr. Thomas Richard Crozier, M.P.S., 457 St. Anne's Road, South Shore, Blackpool, aged seventy-three. Mr. Crozier succeeded his father in a pharmaceutical business in Clifton Square, Lytham, and removed to Blackpool ten years ago.

GARSIDE.—On October 24, Mr. Arthur William Garside, M.P.S., 92 Turners Hill, Waltham Cross, Herts, aged sixty-six.

GREENOP.—By enemy action at sea, recently, Flight-Lieutenant Selby Greenop, Ph.C., 146 Dalston Road, Carlisle, aged thirty-two. Flight-Lieutenant Greenop qualified as a chemist and druggist in 1934 and as a pharmaceutical chemist two years later. He served his apprenticeship with Ridley & Son, Carlisle, and was afterwards with Wilkinson & Simpson, Ltd., Newcastle-on-Tyne.

HAY.—Recently, Mr. William Fowlie Hay, M.P.S., 16 Westholme Avenue, Aberdeen, one of the best-known men in Scottish pharmacy. Mr. Hay qualified in 1894, and was in business at Union Street, Aberdeen. He took a great interest in the affairs of the Pharmaceutical Society, both nationally and locally, and was chairman of the Society's North British Executive. He played an important part in the life of the Aberdeen Pharmaceutical Association of which he was a past-president. Mr. Hay was also a member of the Pharmaceutical Standing Committee (Scotland), and had held office in the Burgh Insurance Committee almost since its inception.

MARTIN.—At the residence of his son-in-law, 91 Ballymoney Road, Ballymena, co. Antrim, on November 10, after a long illness, Mr. William Martin, M.P.S.N.I. A native of Drumbo, co. Down, Mr. Martin served his apprenticeship with Thomas McMullan & Co., Ltd., pharmaceutical chemists, Belfast, and was in charge of their retail department before starting business on his own account in Old Lodge Road, Belfast, in 1892. Four years later he opened a branch on the Shankill Road, and in 1901 transferred to Antrim Road. In October 1927 he was elected a druggist representative to the Council of the Pharmaceutical Society of Northern Ireland, of which he became vice-president in 1934 and treasurer in 1937. He passed the Pharmaceutical Chemist examination in October 1929. He had been a member of the committee of the Chemists and Druggists' Society of Ireland, and a foundation member and Past-Master of Galen Masonic Lodge, No. 437. He retired in 1935. He is survived by his widow and three daughters. At the funeral, the Pharmaceutical Council was represented by the president of the Pharmaceutical Society of Northern Ireland (Mr. Charles Abernethy), vice-president (Mr. James McDowell), and Mr. H. F. Moore. Messrs. William Esler and William Rankin represented the Ulster Chemists' Association, and the Chemists and Druggists' Society of Ireland was represented by Messrs. James Macauley and David Taylor.



TAYLOR.—At 25 Milton Street, Saltburn-by-the-Sea, on November 25, Mrs. Laura Taylor, widow of the late Mr. W. Chadwick C. Taylor, M.P.S., and mother of Miss Amy Adeline Taylor, M.P.S., and Miss Elsie Evelyn May Taylor, M.P.S.

WALPOLE.—On November 14, Dr. George Stanley Walpole, D.Sc., F.R.I.C., aged sixty. Born in Australia, Dr. Walpole came to London with a Beit Memorial fellowship tenable at the Lister Institute. Later he worked at the Wellcome Physiological Research Laboratories and subsequently with the Medical Research Council. In 1920 he went into business as an engineer.

PERSONALITIES

Mr. E. S. Hiscocks has been appointed ecretary of the National Physical Lab- atory, Teddington.

Mr. W. Collison (managing director of m. Blythe & Co., chemical manufacturers, lackburn) is again presenting 5s. each the old folks of Oswaldtwistle at hristmas.

Mr. W. F. Higgins, secretary of the ational Physical Laboratory, has been ppointed superintendent of the Physics epartment of the Laboratory.

Brigadier George Macdonald, M.D., h.B., D.P.H., D.T.M., has been appointed irector of the Ross Institute of Tropical ygiene, London School of Hygiene and ropical Medicine.

Mr. Lionel E. Williams, M.P.S., 23 Vellsway, Bath, this year's chairman of the ath Branch of the Pharmaceutical Society see p. 575), was educated at King Edward's chool, Bath, and studied pharmacy under Ir. D. J. Williams, Ph.C., first at the Bath nd West of England College of Pharmacy, nd later at the Merchant Venturers' Tech- ical College, Bristol. He served his pprenticeship at his father's business, the Vellsway Pharmacy, Bath, and qualified n July 1932.

Mr. T. Swain, M.P.S., 4 Cleveland Place East, Bath, achieves the unusual distinction his year of being elected, almost simul- aneously, chairman of the local branch of the National Pharmaceutical Union nd secretary of the local branch he Pharmaceutical Society. Lancashire orn, Mr. Swain has lived in Bath from an arly age. He served his apprenticeship with Davies & John, Bath, and trained for he Chemist and Druggist Qualifying xamination at the Bath and West of England College of Pharmacy. For some years he has been the proprietor of the Cleveland Pharmacy, Bath, situated next- door to the old College, which was absorbed nto the Bristol Merchant Venturers' Tech- nical College in 1929. For a period Mr. Swain was in business at Westbury, Wilts, after experience in London and Cliftonville, Kent. During the war of 1914–18 he erved for three-and-a-half years in the Royal Army Medical Corps, being attached o hospital ships as a dispenser for the greater part of the time. Whilst in the army he spent several periods in the Mediter- ranean area and made voyages to South Africa, Canada and North Russia.

PRESENTATION TO WEST HAM VETERAN

Mr. Joseph Reed, one of the oldest and best known pharmacists in West Ham, was honoured by his colleagues on November 2 for his valuable services as secretary of West Ham and Eastern District Association of Pharmacists. Mr. Reed was one of the original members of the Association, which was formed in 1903; was president during the "coming-of-age" year; and for the past nineteen years, until his retirement recently, was its secretary and treasurer. His retirement was made the occasion for a complimentary dinner and presentation, which took place under the chairmanship of Mr. W. H. Cloud (president of the Association). The presentation took the form of a cheque. A bouquet was also handed to Miss Reed by Miss Joan Cloud (the president's daughter).

Colleagues' Tributes

Mr. Cloud spoke of the high esteem in which Mr. Reed was held, and of the untiring service he had given in the interest of his fellow-pharmacists, not only as secretary of the Association and Branch, but also in the chair of the West Ham Insurance Committee and local Pharmaceutical Committee. Mr. F. R. Maxey (a past-president, and the treasurer of the testimonial fund committee) said there was a unanimous desire to honour their old friend, Mr. Reed, and to express thanks to him for many years of service to pharmacy in general, and to the pharmacists of the district in particular. During the nineteen years he had served as secretary and treasurer, £2,326 had been sent to the Pharmaceutical Society's Benevolent and Orphan Funds, an achievement with which he had been closely concerned. His retirement had been received with regret. Mr. S. Robinson, who has succeeded Mr. Reed as secretary; Mr. William Shadforth, Ph.C.; and Messrs. Clifford Jones and J. Thomson (past-presidents) added their tributes. Replying, Mr. Reed assured his friends that he deeply appreciated the kindly thought that had prompted them to honour him that evening. He had made many friendships in the district, and also in various parts of the country by virtue of the duties of the office, and was glad to have had the opportunity to be of service.

Pass the Ammunition!—Greater munitions consumption means an increase in the use of waste paper. Every scrap should be collected for salvage.

EXPORT CONTROL CHANGES

THE Export of Goods (Control) (No. 2) Order, 1944 (S. R. & O., 1944, No. 1262), operative from November 18, introduces a number of minor relaxations in the control of exports. (Editorial comment, p. 589.)

The following countries are removed from the list of destinations to which the export of all goods is subject to licence:—

Basutoland; Bechuanaland Protectorate; British Solomon Islands Protectorate; Cook Islands; Dahomey; Fiji; French Guiana; French Guinea; French Settlements in Oceania, New Caledonia and New Hebrides; French Sudan; French West Indies; Ivory Coast; Liberia; Madagascar and dependencies; Mauritania; New Hebrides; Niger; Norfolk Island; Northern Rhodesia; Nyasaland; Papua; Portuguese East Africa; Portuguese Guinea; Portuguese West Africa; Réunion; St. Pierre and Miquelon; Senegal; South-west Africa, Southern Rhodesia; Swaziland; Tonga; Union of South Africa; Western Samoa.

Goods in a Schedule of the Export Control Order previously in force, which required licences for export to all destinations, still require licences for export to the destinations listed. So do other goods which, though not requiring a licence if shipped direct to one of the destinations specified, are transhipped in a country to which the export of all goods is controlled.

The following goods are among those removed from the Schedule. These consequently require licences only when they are exported to certain destinations: Mercury; acetylcholine and salts; albumin tannate; bromethol; cyclohexanone; diodone; ethyl morrhuate; manganese sulphate; magnesium oxide and hydroxide; magnesium sulphate; mercury compounds and preparations; orthocaine and salts; sodium hydrosulphite (hyposulphite); sodium morrhuate; sodium sulphide.

Amendments to Schedule

The following amendments have been made to the Schedule:—

Group 3.—The heading "Perfumery and toilet preparations, whether medicated or not" has been deleted, and polishes containing wax, perfumery and toilet preparations have been excluded from the following items: "Gums, resins (including oleo-resins) and lacs, natural, not specified elsewhere in this Schedule, and mixtures (other than medicinal preparations) containing such gums, resins or lacs," and "Oils, including sulphated (sulphonated) oils, fats and greases not specified elsewhere in this Schedule, and mixtures (other than medicinal preparations) wholly or mainly of such oils, fats or greases." Toilet preparations have also been excluded from the scope of the heading "Mineral jelly and mixtures containing mine jelly, but not including medicinal preparatio and polishes, medicinal preparations and t preparations have been excluded from heading "Waxes and mixtures containing wa

Group 8.—To the item "Manufactures wh or partly of balata, gutta-percha, rubber lat rubber or synthetic rubber" the following been added: "Infants' feeding-bottles, fit with teats or valves." Licences are accordin necessary for their export to all destination

Group 12 (1).—From the heading "Opti instruments as specified in the lists issued the Board of Trade under the Safeguarding Industries Act, 1921, as amended and exten and parts of such instruments" have b excluded: Field and opera glasses having magnification not exceeding six times and fit with an object glass not exceeding 30 mm. diameter.

Group 13.—Codeine preparations and p parations of codeine salts have been added the Schedule, and licences are accordin required to export them to all destinati except so far as the export of such preparati is controlled by the Home Office under Dangerous Drugs Act. "Oil of cloves" has b deleted, but its export now becomes control under "Oils, including sulphated (sulphonat oils, fats and greases not specified elsewhere the Schedule." Salts and preparations of ami pyrine have been deleted. Preparations of following items have been deleted: Hyoscin hyoscyamine; pancreatin; peptones; pot sium guaiacolsulphonate; stramonium. item "Hyoscyamus and its preparations" been replaced by: "Hyoscyamus and extracts."

Inhibition of Lactation.—For reasons su as stillbirth, abortion, neonatal death cracked nipples, it is often necessary inhibit lactation. The physiology of lac tion is determined by hormonal and ner stimulation factors. Absence of suckli stimulus may be expected to produce t desired effect if the hormonal factor can controlled. Prescott and Basden ("Brit Medical Journal," September 30, p. 4 found that lactation was inhibited in 66 p cent. of a series of forty-four mothers a single intramuscular injection of hexœst dipropionate shortly after childbirth. Wh given within the first three days of delive lactation did not occur, and there were signs of breast engorgement. Of the r maining 34 per cent. all but 2 per ce ultimately responded to repeated injectio and only 18 per cent. required treatme for more than three days. One or t intramuscular doses were effective suppressing lactation in five cases in whi it had been established. Orally the co pound was less effective.

SIMPLIFIED PENICILLIN PRODUCTION

A METHOD of preparing penicillin that is simple and inexpensive has been claimed by the County Laboratories, Wakefield, Yorks (see *C. & D.*, October 28, p. 444). It is the outcome of work by Dr. F. M. Berger. Pictures show: 1. Incubating the mould. 2. Preparing the crude filtrate. 3. Separating filtrate from mould. 4. Testing the fluid. 5. Filling the product into ampoules.

PERFUMERY MANUFACTURERS' ANNUAL MEETING

THE annual meeting of the Perfumery and Toilet Preparations Manufacturers' Section of the London Chamber of Commerce was held in London on November 23. Mr. L. J. Matchan (chairman), in the course of his report on the year's work, said:—

Mr. Gunning's report last year covered a critical period in the industry's affairs. The black market had reached alarming proportions, legitimate manufacturers were suffering restriction and damage while racketeers made fortunes though running little apparent risk of prosecution and punishment. But these black clouds had, it appeared to Mr. Gunning, a possible silver lining—a new Toilet Preparations Order. This was a revolutionary Order, and for the first time we had concrete evidence that advice about the industry given by the industry was being accepted.

Government Confidence in the Industry

I think you will agree that it has become clear that the new Toilet Preparations Order, under which we are now operating, is in its broad principles the best that can be devised, and amply justifies the confidence which the Government places in the industry's advice. The Order marks the final phase of war-time control of the industry, and I can safely say that we are not likely to have any major changes now in the character of restrictive legislation. The more blatant type of black marketing has largely ended but we still have with us the selling of toilet preparations under one alias of so-called pharmaceutical preparations, and there is still considerable exploitation of that quite unjustifiable privilege to retailers which enables them to manufacture up to £41 13s. 4d. per month without registration. Objectionable though these things may be, I think we must admit that they do not constitute any grave or permanent threat to the future of the industry.

Having largely settled the problem of war-time control, our energies in 1944 have been fully occupied with the easing of such war-time control and the rehabilitation of our industry in the post-war period. The Post-war Committee submitted its report to a general meeting of the trade in April and it received unanimous approval. The report has, in fact, met with a cordial response both in official circles and elsewhere. In the last month or so we have had several discussions with the Board of Trade and other Government departments about our recommendations, and I a proud to be able to record that some a already being carried into effect. Th Board of Trade has made us no promis or guarantee, nor on the export side ca it promise us more shipping space c any general easement of overseas impo restrictions, but we can be assured of th Board's goodwill, and rest confident i the thought that it will not place u necessary obstacles in our way.

Export Policy Progress

Export has been a constant headache t everyone since the war began. It has bee encouraged and discouraged on numerou occasions, but at last the Government ha finally committed itself to a policy c export expansion starting now. Ra materials and labour have, in the past, bee denied us because of the lack of an expor policy on the part of the Board of Trade but now that we have a set policy the trad must exert every effort as a united an forceful whole to make the other Ministrie concerned realise the urgency of our clain for essential raw materials and labour There are, unfortunately, some less en couraging aspects of the situation. We hav a strong stimulus from the Governmen to go all out for export, and they hav undertaken to be helpful, but there ar still many obstacles. We are told that w cannot look forward to any increased sup plies of paper and board for some time Without better supplies few of us ca increase our export trade to any rea degree. Plastics, glass and metal container are still difficult, but the outlook does no seem quite so despondent as that for paper In regard to manufacturing, it may be claimed that the raw material position i easing slightly.

The Section continues to increase i strength and vitality. The work of the Executive Committee and its many sub-committees has continued unabated, and has been far more hectic than would appear on the surface. Prestige with Government departments stands very high indeed. Good work was accomplished by the Hair Preparations Committee under Mr. Fabricius. In regard to home quota control, we were able to persuade the Board of Trade to abandon the limitation that not more than half the quota supplies could be put out in the first three months of the quota period. The question of supplies for troopships was satisfactorily cleared up. Procedure was

o devised, in conjunction with the Board Trade, to enable firms which conduct all ir distribution through an associated tributing company to supply N.A.A.F.I. thout having to count it against their ota. Another minor change agreed upon the Board of Trade, at our request, was special licensing system under which ns which act as distributors for both me and export trade are enabled to tain quota-free supplies for export, hough not registered under Part 2. We re also able, with the co-operation of e Ministry of Supply, to ease the position, der the Packaging Orders, of members lding stocks of containers not conforming the standard schedules.

MR. MATCHAN expressed thanks to Mr. wlishaw (deputy chairman) and to Mr. iddlemiss (secretary) for their work during e year.

Luncheon of the Section

HE annual meeting was preceded by a ell-attended luncheon at the Connaught ooms, London. Mr. L. J. Matchan (chairan), proposing "The Guests," welcomed aptain Charles Waterhouse, M.P. (Paramentary Secretary to the Board of Trade). Captain Waterhouse, said Mr. Matchan, was an old friend of the industry. He also welcomed Mr. Monier Williams (Principal Assistant Secretary of the Board of Trade), who, he said, seldom failed to solve their difficulties.

CAPTAIN WATERHOUSE, in reply, said some traders had not realised how hard a task the Board of Trade had had during the past four years. The trade, on its part, had sacrificed much goodwill. Under concentration the members had given up many operatives, and yielded much floor space for war purposes, for which the country was grateful. The structure of the trade, however, was intact, and ready for post-war tasks. Captain Waterhouse said that, in spite of the improved war situation, the labour position was extremely difficult. He hoped raw materials would become easier in the near future. Without making any promises, he would look into the question of raw materials for export packages, but if any concession in this direction were possible, they would understand that it would be for export only. On behalf of the Board of Trade, he thanked the industry for their co-operation during the past years.

PROPOSED CONNAUGHT ASSOCIATION

SUCCESSFUL meeting was held recently explore the possibility of forming a harmacists' Connaught Provincial Associaon. MR. N. A. MCKANE, M.P.S.I., allina (president of the Mayo Pharmaeutical Association), who was voted to the hair, asked Messrs. G. C. Hewson and . J. Adamson to address the meeting.

MR. HEWSON, Ph.C., F.C.S., said that pharmacist could truthfully say he was tisfied with the state of affairs in Irish harmacy today. There was something rong when a chain-store draper could, the daily Press, offer cod liver oil at holesale price; the Minister for Agriilture recommend co-operative societies r the sale of caustic soda; poison cences be issued to traders in business nextoor to chemists, and proprietaries be sold every huckster's shop. Would chemistry nd physics, as addenda to the Preliminary xamination, improve this state of affairs? resumably the Pharmaceutical Council elieved they would. It was hoped to link p a Connaught Association with the Westeath Federation, with the Limerick and ork Associations, and with Kerry and Vaterford. When that was accomplished, manufacturers of medicines, patent or otherwise, preferred the grocer and the candlestick maker, members would then manufacture their own competitive lines.

MR. W. J. ADAMSON, Ph.C., advocated the formation of a Provincial Association to strengthen the hands of the Central Association. He urged the necessity of having pharmaceutical chemists appointed to all hospitals, dispensaries and institutions for the compounding of medicines. MR. J. WHELAN, Ph.C., Galway, proposed "That a Provincial Association be formed." He said that it was long overdue, and he was grateful to the Mayo chemists for coming there and helping such a splendid object. MR. J. E. O'DONNELL (secretary, Galway Association) seconded. All present spoke, and after a number of questions had been put to the meeting all took part in a short discussion, and it was agreed that provincial officers should be appointed at a subsequent meeting, which would be held in Galway. Messrs. Doherty and O'Donnell were asked to keep in touch so that final arrangements could be made. Any chemists interested are asked to communicate with Mr. C. J. Doherty, Westport, or Mr. J. E. O'Donnell, The Connaught Pharmacy, Galway.

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The fact that goods made of raw materials in short supply owing to war conditions are advertised in this paper or described in its editorial columns should not be taken as an indication that they are necessarily available for export.

Issues Still Undecided

Two important matters which came up at the meeting of Branch representatives of the Pharmaceutical Society on November 2, and which there was not space to discuss in last week's issue, were the nature of health centres, particularly in their effect upon the pharmaceutical services, and the basis of remuneration for pharmacists under any national health plan adopted.

Health Centres on the "Dawson" Model

The paper presented on the subject of health centres by the Society's secretary, in which he pronounced in favour of a twenty-year-old scheme (which fell a victim to the Geddes axe after the last war), seems to have taken representatives rather by surprise. The inconclusive nature of the subsequent discussion suggests that he was dealing with matters to which a good deal of thought still remains to be given. In outline the basis of the "Dawson" scheme was that the front line of medical service should remain the general practitioner, with health centres—equipped with beds, a dispensary, etc.—as a second line, to be called upon only when the first proved inadequate, and with hospitals as the final stage. Mr. Linstead alleged that a feature of the "Dawson" health centre had been deliberately dropped by the framers of the White Paper, namely, the bringing together, and into contact with consultants and specialists, of doctors still in independent practice. Such a centre would be a forum for the doctors of an area, and "there would develop an intellectual life and camaraderie to the great advantage of the Service."

Should Chemists Take Sides?

Under the health centres adumbrated by the White Paper, there would be a salaried medical staff of six or eight, or twelve, doctors, and their relationship to one another would obviously be on a rather different footing. Mr. Linstead's suggestion was that pharmacists should take sides in what he termed "this health centre controversy," although he brought forward no evidence that the "Dawson" health centre was being actively advocated by any section of the medical profession today. During the discussion, Mr. Campbell, Glasgow, came near to seeking a declaration on this point by asking whether Mr. Linstead thought the "Dawson" committee, sitting today, would have advocated its original or the White Paper type of health centre. Mr. Linstead "had some reason for believing that their views would not have changed," but did not disclose the basis of his belief. Although we appreciate the difference between the two centres from the medical man's point of view, we take leave to suppose that for pharmacists a more fruitful and positive line of development lies in the direction of a central pharmacy in each area, as expounded at the conference by Mr. Hudson. It is noteworthy that in some parts of the country practical steps have already been taken towards implementing the essential principle in this idea.

Double Harness Has Its Drawbacks

The secretary's championship of a particular type of health centre was linked with his six points upon which to establish co-operation with the medical profession, but it is doubtful whether chemists have much to hope for from a policy of joint action with doctors. The lesson will not have been lost upon pharmacists that Lord Dawson—the same whose name is

associated with the type of health centre "adopted" by Mr. Linstead—exhibited in the House of Lords on an important pharmaceutical occasion an amount of "co-operation" with pharmacists that can, at best, be described as failing to oppose. Are medical men as a whole likely to show any greater warmth for the cause of chemists, even if, in return, the Joint Committee undertakes to oppose the "institutionalisation" of general practitioners? We doubt it. Pharmacists would be better advised, in our view, to concentrate on arguing their own case, and not dissipate their chances by acting as auxiliary—and self-appointed—spokesmen of another profession.

Remuneration

The representatives' meeting was finally remarkable for two precise and penetrating analyses of the finances of pharmaceutical service to the State, the first by Mr. T. O. Martin in an introductory paper (*C. & D.*, November 18, p. 533), and the second by Mr. Tomski during discussion. Mr. Tomski suggested 1s. 5d. as a correct computation of what should be the remuneration per prescription today. There are, of course, many ways of approaching the problem, but it is remarkable that, of a number which have been made recently, differences of result are small by contrast with the unanimity with which all condemn present payments for National Health Insurance dispensing as grossly inadequate and uneconomic. The withdrawal of a resolution by Mr. Crowe, urging adoption of the National Pharmaceutical Union list as the yardstick for calculating payments, is not an indication that this basis was disapproved, but rather a gesture of confidence that the negotiators would obtain the best terms they could, knowing the feelings of the meeting. The views of several Scottish representatives, though relating especially to conditions north of the Border, are worthy of attention by all those English pharmacists who look for something better than a bare minimum for the community in any pharmaceutical service provided. It would be regrettable indeed if, through lack of provision for wrapping, for example, the pharmaceutical service became rudely nick-named a "fish-and-chip service."

The Outlook for Cosmetics

THE annual meeting and luncheon of the Perfumery and Toilet Preparation Manufacturers' Section of the London Chamber of Commerce, held in London on November 23 (p. 584), was an admirable function in many ways. First, the attendance at the luncheon of the Parliamentary Secretary to the Board of Trade (Captain Waterhouse) and other officials, together with the many representatives of the cosmetics industry, demonstrated both the active interest taken in the industry in official quarters and the support of the trade behind the organisation. Secondly, the record of achievements outlined at the annual meeting by the chairman (Mr. L. J. Matchan) indicates that the industry has good hopes of emerging virtually intact after the war, ready for the peace time demands that will be made upon it, particularly in the export field. It is also plain that the successful passage of this industry through the trials of war-time production has finally killed the idea that manufacture of toilet preparations is wholly a luxury trade.

The Retailers' "Privilege"

While it would be correct to state that the goodwill and prestige of the industry have been seriously threatened from time to time by the existence of a "black market," there is evidence that the menace has been largely overcome, thanks, it is claimed, to the present Toilet Preparations Order. In this connexion it is disconcerting to read Mr. Matchan's remark (p. 584) that "there is still considerable exploitation of that quite unjustifiable privilege to retailers which enables them to manufacture up to £41 13s. 4d. per month without registration." "Retailers," we assume, includes chemists who, so far as we are aware, were the only large class of retailers making toilet preparations on a small scale before the war. It would seem, from the consistent attitude of the Board of Trade towards this small concession, that the Department, despite representations by manufacturers, appreciates and recognises the right of chemists to their share of a business which they fostered long before the advent of any recognisable toilet preparations industry. We are left wondering just what Mr.

atchan means by "exploitation," for he lmits that the concession does not "constiıte any grave or permanent threat to the ıture of the industry." No pharmacist was ver foolish enough to suppose that his etty manufacture of cosmetics would ıenace the advertised brands in an unreıricted market. If evidence of this were eeded, it is to be found in the National 'harmaceutical Union's recent injunction to s members to "give the manufacturers of he popular lines every assistance in getting heir goods back upon the market." Jnquestionably this co-operation will be orthcoming.

A First Relaxing of Controls

ıN announcement recently by the Prime linister that there would be a relaxation f certain controls on the export of goods, vas speedily given practical effect. The hanges have been made the subject of a Board of Trade Order, which came into peration on November 18 (see p. 582). Jnder earlier controls, licences were reuired for the export to certain destinations f all classes of goods, and to all destinations f certain classes of goods. The main ffects of the new Order are to free the xport of all goods to a number of terriories—chiefly in South, East and West Africa—and to relax for all destinations the ıecessity for a licence to export a range of commodities which includes cosmetics ("perumery and toilet preparations, whether nedicated or not") and certain drugs and hemicals. On the other hand, infants' eeding-bottles, fitted with teats and valves, ıave been added to the schedule, and can ıo longer be exported.

The purpose behind the relaxations thus lecided upon is to make a start towards building up once more the connexions between individual sellers and individual buyers, with a view to full resumption of trade activities after the war. Such questions as acquiring foreign exchange and meeting demand are considered of secondary importance and, in fact, it is generally known and appreciated throughout the trade that any considerable resumption of overseas exports is unlikely, pending what is virtually the sanction of the United States authorities. Persons and companies normally engaged primarily in the export trade do, however, seek a quota of business in which they can engage with complete freedom, and no doubt they will welcome, from this point of view, the relaxations mentioned. The authorities point out that the fact that export licences are no longer required for certain categories of goods destined for South Africa or Southern Rhodesia must not be taken to imply that shipping space will necessarily be available.

Pharmaceutical Education in Canada

A FIRST Canadian conference on pharmaceutical education was held at the Ontario College of Pharmacy, Toronto, recently. The deans, faculty and lay members of various provincial colleges attended, and after three days of deliberation it was decided to form a "Canadian Conference of Pharmaceutical Faculties." The conference is to meet annually at the time of the Council meetings of the Canadian Pharmaceutical Association, and the intention is to promote pharmaceutical education and keep the profession abreast of new developments so as to assure the efficiency of the health services offered to the public.

Drastic revisions in the present course of pharmaceutical education were recommended at the first session of the conference, the changes being in the direction of establishing a three-year college course, leading to a B.Sc. degree, to replace the present two-year college course with three-years' apprenticeship. As an alternative to the abolition of apprenticeship, an "interneship" period of eighteen months following graduation was suggested, during which graduates could not enter business on their own account. Professor F. N. Hughes (secretary of the conference) stated that abolition of the apprenticeship system would reduce the gap between high-school graduation and college attendance. Many likely candidates, he affirmed, were deterred from pharmacy because of the long apprenticeship. Under the new proposals the interneship, which is to take the place of the apprenticeship, may come either before or after the college course or during the vacation period.

CONFERENCE OF BRANCH REPRESENTATIVES

(*Concluded from* THE CHEMIST AND DRUGGIST, *November* 25, *p.* 567)

Health Centres

THE afternoon session opened with a paper by Mr. Hugh N. Linstead (secretary, Pharmaceutical Society) on "The Development of the Health Centre." He said it appeared useful to have on record the Government's proposals with regard to Health Centres. The White Paper, which he quoted, said:—

> Broadly, the design should provide for individual consulting rooms, for reception and waiting rooms, for simple laboratory work, for nursing and secretarial staff, telephone services and other accessories. The object will be to provide the doctors with first-class premises and equipment and assistance and so give them the best facilities for meeting their patients' needs. The doctors will thus be freed from the necessity to provide these things at their own cost. They will join in something like the partnership groups already often privately formed.

It went on to say that doctors in those Health Centres would have to be salaried and not paid by a capitation fee. That had two aspects, a general political and a pharmaceutical. The general political aspect was this: were they going to have in, say, twenty years' time, a medical profession entirely composed of salaried servants? The pharmaceutical question was whether there were going to be dispensaries in those Health Centres, and if so, would a great part of the dispensing pass to pharmacists who were salaried servants in the centres?

If the medical and pharmaceutical services were going to be gradually nationalised, pharmacists might be faced with a process which would substantially change the character of the community. A large number of the public would rather get their medicine from somebody with whom they could establish a personal relationship than get it from a hole in the wall. If six or eight or twelve doctors were grouped together, instead of being scattered in ones or twos, the public would have further to travel to see their doctors. There was also the question of expense. Local authorities presumably would have to put up the Health Centres and pay for them.

A Means of Nationalisation?

The conception of the Health Centre in the abstract was sound and attractive. But the White Paper gave the impression that there was a deliberate intention to use the conception as a means of nationalising the medical and pharmaceutical services.

That suspicion was increased when it wa remembered that twenty years earlier, afte the war of 1914–18, the Minister of Recon struction had appointed a powerful Depart mental Committee on the future provisio of medical and allied services, under th chairmanship of Lord Dawson, that mad quite different recommendations.

The Dawson Committee contemplate primary and secondary Health Centres, bu put as the first line the private consulting room of the general practitioner. It members visualised the general practitione visiting his patients in their own homes o seeing them in his consulting-room and onl in cases of doubt passing them on to th primary Health Centre, in which they con sidered the accommodation necessary shoul be much more elaborate than that contem plated in the White Paper. Clinics would b equipped where doctors could see thei patients and consult with each other Further accommodation might includ operating rooms, radiography rooms, labora tory, dispensary, baths, including simpl hydrotherapy, and equipment needed fo massage and physical culture. What th Dawson Committee visualised as a Healt Centre was something equivalent to th cottage hospital of today.

Six Principles

In the Dawson Centre there was to be dispensary, but if a dispensary were pu into the Health Centre contemplated in th White Paper, it seemed to him that it woul at one blow destroy a great deal of th pharmaceutical service that could be ren dered through chemists' shops. He though they ought to support the recommendation of Lord Dawson's committee and say to th Ministry of Health that the layout should b the consulting-room as first line, then th Health Centre, then the general hospital and he enunciated six principles for allyin themselves with the doctors:—

(1) The normal meeting place of patient an physician should be the private consulting-room

(2) The Health Centre should be of the typ recommended by the Dawson Committee.

(3) The grouping of general practitioners int Health Centres of the type proposed in th White Paper should be discouraged as tendin to institutionalise the general practitioner an increase distances to be covered by the patient

(4) In areas where private surgeries, wit adequate accommodation, could not readily b

rovided, local authorities might create com-
nunal surgeries, letting consulting-rooms to
ndividual private practitioners at a rent.

(5) Medicines should be supplied upon pre-
cription which the patient should be free to
ake to the chemist of his choice.

(6) In Health Centres of the Dawson type
ecommended there might be pharmaceutical
epartments, in which event they should be
dequately staffed by pharmacists.

He did not suggest that it was necessary
o take formal decisions on the matter, but
oped the Conference would feel that it was
n the public and their own interest to sup-
ort the proposals made by Lord Dawson's
ommittee.

Mr. H. T. Franks said that there was
good chance that Health Centre dispensing
ight be to the benefit of employee phar-
nacists.

Mr. Linstead said they had to look at
he matter from a broad point of view. If
hey took the view which he took, that the
ndependent professional man's ability to
humb his nose at the Ministry of Health
f he wished, without his job being at stake,
was important to the community, then
ther parts of the jigsaw puzzle fell into
lace. He could not help feeling that
s assistants developed their corporate
trength, as they were doing, and as the
oint Industrial Council established its
uthority, assistants with private companies
were likely to improve their position,
alaries, conditions of service and hours, to
t least as great an extent as they would be
able to do if they were employees of a local
authority or the central Government.

Mr. W. R. B. Arnold said that presum-
ably in the Dawson scheme a private con-
tract between the patient and the medical
man was visualised. Did it follow that the
supply of medicines would be a private
contract between the patient and the
chemist? Mr. Linstead replied that the
report was only an interim report. The
Committee never got so far as a final report,
and did not settle the question whether
there should be a private arrangement
between patient and doctor.

Mr. Edgar Jones asked if the Health
Centres would not have to apply for a
licence from the Pharmacy Board before
they could supply medicines. Mr. W.
Trillwood said that many things were
likely to be wanted by a group of general
practitioners working together (e.g., local
anæsthetics and dressings). The question
was where they would obtain those things.
He foresaw a danger if that point was not
covered. A Health Centre of the type that
might be set up by a local authority would
be coupled with their clinics and other
services, and pharmacy would not have a
foot in it.

Mr. Linstead said Mr. Trillwood was
thinking of the Health Centre according to
the White Paper. He thought what was
most likely to happen was that the Health
Centre would draw its stocks from a phar-
maceutical depôt run as part of the organisa-
tion of the local authority, probably with a
pharmacist in charge. Nevertheless it would
represent a definite encroachment on the
work of pharmacists in the area. To Mr.
Jones he explained that if they were
successful in prevailing upon the Govern-
ment to limit new units to places where
there was need for them, to some extent
the development of dispensaries in Health
Centres could be checked and a licence, of
course, would be necessary. Otherwise, a
local authority with a zealous medical officer
could put them up all over the place.

Cottage Hospitals as Centres

Mr. D. W. Hudson suggested Mr. Lin-
stead had indicated that, if the Dawson type
of Health Centre was going to be developed,
in many districts the Health Centre would
not be necessary at all, since there were
already small hospitals that filled the bill.
Mr. Linstead explained that many cottage
hospitals could be quickly converted into
primary Health Centres.

Mr. C. Campbell asked whether it was
Mr. Linstead's opinion that medical officers
under local authorities were inferior to
those who were in general medical practice
today; also whether, if the Dawson Com-
mittee had been sitting that day, it would
advocate what was in the report of twenty
years ago or what was in the present White
Paper.

Mr. Linstead replied that he had some
reason for believing that the views of the
Dawson Committee would not have changed.
One important point about medical
officers of health was that they were
administrative officers rather than doctors.
Also, whereas 10 per cent. of a profession
might adequately carry out their duties as
full-time paid servants, there was an enor-
mous difference (a difference of quality)
between that and switching over the whole
profession.

Mr. H. Black said Mr. Linstead men-
tioned encroachments. Did Mr. Linstead
visualise that these Health Centres would
add other items to baby foods, orange
juice, and the like, to the detriment of the
chemist?

MR. LINSTEAD said one could only say that that would be an obvious development, but if the local pharmacy boards were properly accepted as advisory committees, they might find that they could bring about a changed outlook on the part of the local authorities.

MR. A. OFFICER said that for three hours that morning members had discussed the proposed medical health service, and now Mr. Linstead came forward and asked them to consider one of twenty years ago. MR. LINSTEAD said the Dawson Report was a perfectly good solution of the present problem.

Establishing a Principle

MR. C. CAMPBELL asked whether free choice of chemist would not obviate a danger from clinics, so far as dispensing was concerned. MR. LINSTEAD said they could get the abstract principle of free choice of chemist adopted, but in the meantime the Health Centres were going up—they were there in bricks and mortar—and in twenty years time there would be a machine ready to do all the dispensing under State control, and what would become of their principle then? It was because they wanted a reasoned argument why those bricks and mortar should not be put up in order to prejudice the position twenty, thirty or forty years from now that he was taking up that alternative scheme.

MR. W. STANIER did not think it was a matter for them to discuss at all; it had nothing to do with the chemist, but only with the doctor. MR. LINSTEAD said it was not solely a medical question. It was clear to him that if they had eight or twelve doctors working in a publicly provided building with other services round them, before they knew where they were they would have a dispensary there.

MR. W. ATKINSON was sure State dispensaries would give employee pharmacists better conditions than they might get elsewhere.

MR. W. T. MOORE said Mr. Linstead had made a very good point when he mentioned that under the Dawson plan every person would in the first place go to the local practitioner. Only a small percentage of patients would go to the Health Centre and a still smaller percentage would go to the dispensary at the Health Centre. If that plan were adopted he did not think they need worry much about the establishment of dispensaries at Health Centres.

MR. WHITTAKER said much had been made of the individual medical practitioner, but many regarded him as antiquate harassed, and overworked, though quite good fellow at heart. He understood tha some of the best workers in the professic advocated grouping, and if grouping car about and Health Centres were formed, s long as there was a pharmacist in the di pensary that was all that mattered. M LINSTEAD said it was probably true tha they were seeing the beginning of a proce of transition whereby over a period pha macy would move from the chemist's sh into the Health Centre. What he wa concerned about was to see that that perio if it must come, was a long one, so that the was a real cushioning for those in busine today.

MR. E. CRONIN said there would definitel be dispensaries in the Manchester Healt Centres, and pharmacists, he was tol would be employed there.

MR. H. CRAWSHAW said his Branch ha feared for some time that these Healt Centres would be set up. They found tha the great majority of the local doctors we against the Health Centres, and in favou of an increased pharmaceutical servic which would be a super-chemist's sho under the control of private pharmacist or a small company controlled by loc (Birkenhead) pharmacists.

THE PRESIDENT thanked Mr. Linstead.

Remuneration

After Mr. T. O. Martin had read his pape on remuneration (see *C. & D.*, November 1 p. 533), discussion opened on this questior

MR. H. W. TOMSKI said a method c remuneration should be based on a scientifi cally sound foundation. They should b paid first for personal (i.e., pharmaceutical services, by a dispensing fee; for thei impersonal services by means of a busines allocation; and for the cost of drugs wit a profit allocation. Furthermore, they mus have stability of prices. The dispensing fe that must obviously be based on th remuneration which the pharmacist woul get if he were totally employed profes sionally. That was estimated at £525 year, and if they took the number o working hours as 2,200 and the number o prescriptions per hour as nine, they got dispensing fee of sixpence. The overhea allocation could also be worked out, and i came to 3·3d. on 1938 prices. The actua drug cost, which was slightly lower than th drug tariff prices, was 2·8d. and the profi allocation was worked out at 0·7d. Tha made the total remuneration at pre-wa figures 12·8d. per prescription, and at to

ay's prices it would be 1s. 5d., which he ought reasonable.

Mr. J. E. Crowe said, whilst appreciating ne figure of 1s. 5d. given by Mr. Tomski, seemed to him to be too high a figure to e accepted by the Government. He ought they could go forward on the .P.U. prices, for which they could make ut a strong case, and he moved a resolution this effect. Mr. A. Robinson seconded.

cottish Dispensing

Mr. R. McAdam found that five or six rescriptions per hour was the most that ould be done. He knew the insurance price as not quite the same in Scotland as in ngland, but thought Scottish dispensing ust be taken into consideration when the atter was discussed. Mr. A. B. Gilmour aid that in Scotland remuneration was ased on a charge for each ingredient accordng to its class and value, to which was ttached the profit on the material, and on ne time and skill required in the profesonal work of dispensing. In Scotland the verage number of ingredients per prescripon was 3½, and if they compared that ith the conditions in an area where there as a large percentage of stock prescripons which were ready-made, they could nderstand that the remuneration would equire to be very different. There was nother point: if the Government was incere in organising its health service, n which it was going to spend millions of ounds in order to make people health onscious, it must put a stop to the present ractice whereby the newspapers and cerain vested interests were doing all they ould to make people disease conscious. here had been a great deal of talk, in both he previous and the current years, about he number of prescriptions being doubled. n Scotland they had always kept within ¾ prescriptions per insured person per nnum, and he found that in some English ealth resorts the frequency was far higher. Ie urged people to be chary about thinking emuneration was going to be double what t was at present.

Mr. Linstead said that unless Mr. Crowe elt strongly about his resolution, he hoped hat the hands of the negotiators would not e tied, and Mr. Crowe withdrew the motion.

Mr. E. A. Briggs asked whether, if ompany shops agreed to the present rate or dispensing, the Society would say that harmacists qualifying in future must not vork for a multiple firm. Mr. Linstead aid on a question of accuracy he did not efer to the company chemists. He said "any considerable section of pharmacy." The President said that when the point arose they would consider it.

Mr. A. Officer declared that Mr. Linstead had said, in effect, "Give us approval of the general principle and we will see that things are all right." In Scotland, at any rate, they liked to know what they were going to get. Dispensing was the kingpin of Scottish pharmacy, with very few exceptions. To such an extent had that been impressed upon the authorities concerned, that they were a little better off than those in the south for N.H.I. work.

Mr. J. H. Spencer said they must not overlook the fact that in the majority of pharmacies (at any rate in England) dispensing was not the greater proportion of the turnover. They were being threatened by Health Centres at one end; at the other end of the scale they had a company owning bazaar stores proposing to turn its shops, when the war ended, into pharmacies.

Mr. H. T. Franks moved that the Pharmaceutical Society should take steps to fix dispensing fees for the whole country. He had kept a record, and found that dispensing occupied just over 75 per cent. of his time and represented 20 per cent. of his turnover. Mr. W. Atkinson seconded.

Mr. Linstead said that the "Jenkin" decision prevented such action. He was bound, therefore, to advise that it was outside the powers of the Society, but there were much greater considerations than that. In the time available was there any conceivable likelihood that, with no compulsory powers available, the Society or any group of pharmaceutical organisations could prevail upon the whole of retail pharmacy to abide by one national scale of charges for dispensing? He did not think any body of men could do it.

Motion Pressed but Lost

The President asked Mr. Franks whether he pressed his motion, and Mr. Franks said he did. He considered that, with the Society's formulation of the rules of professional conduct which had definitely gone outside the professional and into the trading side, the "Jenkin" case should be dead and buried. If they made an effort and did not succeed, the fact that they had made an effort would do some good. Mr. Linstead thought the difference between them was that Mr. Franks was suggesting that they should try to impose a national scale in advance.

The resolution was then put to the meeting and was lost.

ULSTER PRESIDENT'S ADDRESS

In his presidential address at the annual meeting of the Ulster Chemists' Association on November 22, Mr. H. P. Crossin said that, though chemists were wearying of war-time restrictions and shortages, pharmacy had been more favoured than most other distributive trades; they were thankful that few of their goods were sold against coupons. During the previous troubled period business had kept on a fairly level keel, and for this state of affairs he must pay tribute to the help and guidance of their trade organisations, particularly the National Pharmaceutical Union, Chemists' Friends Association and their own Ulster Chemists' Association. In looking forward, they must not be lulled into thinking that their difficulties were over. "In my opinion the first few post-war years will be most critical for pharmacy. The future holds many uncertainties, and we shall have to be careful that our interests are not neglected in the general reconstruction."

Close Co-operation Needed

Mr. Crossin felt it necessary to stress the need for close co-operation. Some members might think the Executive Committee dilatory in dealing with the proposed medical benefit scheme, but they could do no more than the larger cross-channel associations were doing at present. All they had to go on was the White Paper giving proposals for England and Scotland. Their fundamental rights must, however, be recognised. These had already been stated in a circular sent out to members, but they were important enough to summarise, as follows:—

(1) Dispensing must be reserved to pharmacists (and this applies to hospitals, etc.).

(2) Dispensing must be carried out at existing pharmacies.

(3) Payment must be adequate.

To his mind the greatest danger to their profession and livelihood was the possibility that health-centre dispensaries might be set up. Let members reflect on the possible consequences. Let them consider the effect this would have on turnover. Their answer must be that they were at present providing an efficient compounding service, and had the necessary equipment in their shops. Their pharmacies were distributed throughout Northern Ireland, and could offer more convenient service to those concerned than could possibly be given by public health centres.

Distribution of medicines under the scheme would cause a reduction in sales of their own preparations, proprietarie etc., and would almost entirely elimina private prescriptions. This would leave larger proportion of overhead charges to b allocated to dispensing. Furthermor remuneration should not be estimate merely on a time basis, but also on th knowledge, skill and responsibility involve The White Paper statements that "th present system of National Health Insu ance is no doubt capable of improvement, and that "discussions with the appropria pharmaceutical bodies will be welcomed b the Government" did not tally with th constitution of the Health Advisory Counc recently set up by their own Ministry Health, which did not include even or practising pharmacist. The U.C.A. ha asked for representation, but had bee turned down. "On your behalf I want t register the strongest possible protest. suggest that a strong resolution shoul come from this meeting, informing th Ministry concerned that if and when it their intention to extend this scheme t Northern Ireland we insist upon bein consulted before any decision on pharma ceutical service is taken."

Associates' Section

Arrangements made after the previou annual meeting to set up an Associate Section had been successfully carried ou and between the Associates' Committee an the Executive Committee there had bee established an attitude of co-operation, an there was no doubt that the Associate Section, in which pharmaceutical chemist acting as shop managers or superintendent of bodies corporate were well represented would give support in maintaining pharma cists' rights under future legislation.

The annual report also mentioned th Association's protest against the dictatoria attitude of certain manufacturers of veteri ary preparations. There was no reason wh members should not keep up pressure o the other firms concerned, and the hel accorded them in this matter by th Pharmaceutical Society was welcomed Since they were qualified to handle poten preparations for human use, surely they coul be trusted to distribute veterinary medicines Another matter in the report that called fo extended comment was earlier closing. Th extension of National Health Insuranc might create the need for rota arrangement in each district. It was his own opinion tha they should institute some such scheme a

e, for two reasons: It would impress on public that chemists performed an ential service; and it would act as a errent to those chemists who, after the r, might be inclined to break away from sonable closing arrangements.

Full advantage should be taken of the portunity to introduce their own preparans so that, when peace came, and with he relaxation of advertising restrictions, y would not make themselves willing links between patent-medicine "racketeers" and the public. Simultaneously, the stocking and pushing of Chemists' Friends lines should be their aim.

Returning to Association affairs, the president said it was necessary that members living at a distance should have an opportunity of meeting the officers. Criticism and suggestions from outlying districts would be helpful. Mr. Crossin concluded with tributes to the committee and officers.

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

the monthly meeting of the Council of Pharmaceutical Society of Northern land, held in Belfast on November 17, . Charles Abernethy was in the chair. ssrs. J. McDowell (vice-president), J. W. ay, J.P. (treasurer), James Glendinning, H. Forrest, J. F. Grimes, J.P., H. F. ore, H. H. Cowzer, Professor E. C. B. yrs, M.D., W. C. Tate, J. McGregor, d J. T. Nicholl were also present. Mr. L. Kirkpatrick (secretary) was in endance. The secretary was instructed send letters of sympathy to Mr. J. E. nnor, J.P., and Sir Thomas McMullan, L., both of whom apologised for absence e to illness. It was proposed by THE RESIDENT, and seconded by MR. J. W. AY, that a letter of sympathy should be nt to the relatives of the late Mr. W. artin (a former vice-president).

st-graduate Courses

Arrangements have been made with the llege of Technology, Belfast, to begin st-graduate courses for pharmaceutical emists on February 21, 1945. Full parculars will be published at the beginning the year.

Letters were read from The British Drug ouses, Ltd., Burroughs Wellcome & Co., d Bayer Products, Ltd., relative to the le of veterinary medicines, and the formation given was considered by the uncil to be satisfactory.

ealth Advisory Council

MR. H. F. MOORE urged representation pharmacists on the Health Advisory uncil. The president and members reed, and the secretary was instructed to rite to the Ministry of Health and Local overnment in connexion with the matter.

The following were appointed to attend e December examinations: Monday, essrs. James McDowell and J. T. Nicholl; uesday, Messrs. H. F. Moore and H. H. owzer; Wednesday, Messrs. W. C. Tate and J. McGregor; Thursday, Messrs. Charles Abernethy and S. H. Forrest. Miss Anna A. Burns and Miss Margaret M. Coulter, both of Londonderry, were elected members.

It was proposed by MR. GRAY, seconded by MR. MCGREGOR, that the next meeting of the Council be held on Friday, December 8. This was agreed.

Certificates of Apprenticeship

At a meeting of the Education Committee it was agreed that the certificate of Apprentice to a Pharmaceutical Chemist should be granted to the following students who submitted certificates from the bodies stated:—

Pharmaceutical Preliminary Examination of the Queen's University, Belfast, Francis Brendan Leyden, 59 Cooke Street Belfast.

Matriculation Examination of the University of London, Edward McGivern, Newtownards; Gerald O'Boyle, Strabane.

Honours Intermediate Examination, Eire Board of Education (Second Branch), Brendan Malachy Anglin, Belfast.

Senior Certificate Examination, Ministry of Education, Northern Ireland, Thomas Bogues, Warrenpoint; Timothy Michael Boyle, Warrenpoint; John Vianney Fox, Belfast; Harold Raymond Kelly, Belfast; Eunice Kathleen Lewis, Armagh; Stewart Beresford Macrory, Newtownards; John Gerard McBrien, Belfast; David Norman McConnell, Belfast; John Cecil McCrea, Enniskillen; Louis Alphonsus McCullagh, Belfast; James Patrick McFadden, Belfast; James McKeever, Portadown; Cecil Myles Ogle, Belfast; Samuel Francis Desmond Orr, Holywood; Thomas Ignatius O'Rourke, Belfast; Maurice Valentine Porter, Downpatrick; Edward John Rafferty, Magherafelt; Mary McBride Wilson, Cookstown; Richard Leo Ruddock, Dundalk; Gerard Francis Lee, Belfast; Francis McConnell, Belfast; Eoghan Otto Schlindwein, Londonderry.

A Potent Medicament.—"The wife could find everything but my anti-tank ointment."—A Home Guard handing in his equipment, quoted in the "Glasgow Herald."

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represen the prices for wholesale quantities of standard quality. C.i.f. quotations do not includ marine war risk insurance and other abnormal charges payable in the present emergenc

28 Essex Street, W.C.2, November 29

THERE have been no material changes during the week in price or supply positions. The Minister of Food has made an Order (S. R. & O., 1944, No. 1279), dated November 29, revoking the Tartaric Acid and Cream of Tartar (Control and Maximum Prices) Order, 1944 (S. R. & O., 1944, No. 2). No price alterations are involved, the new Order repeating the main provisions of the old while prescribing maximum prices on sales by first-hand distributors and distributing dealers licensed as such, and separate prices for sales by wholesalers.

Although some sales of crude drugs have been reported during the week, the quantities involved have not been large, nor the prices appreciably changed. BELLADONNA LEAF is firm; ROOT is difficult to find. Spot supplies of BENZOIN are practically exhausted. ERGOT continues scarce, with the spot price of any available supplies firm. Odd cases of RHUBARB are changing hands at the quoted price, with a few left for further sales. Some inquiry has been noted for SEEDS, but little business is possible owing to the scarcity of supplies. As noted last week, TURMERIC is tending easier.

The Directorate of Medical Supplies has announced its intention of recommending import licences for a limited quantity of GUM GUAIACUM and a further limited quantity of natural LIQUORICE ROOT during the periods ending October 31, 1945, and June 30, 1945, respectively, and have asked the Botanical Drug Importers' Section, London Chamber of Commerce, 69 Cannon Street, London, E.C.4, to arrange for its importation. The Section accordingly invites firms which, during the years 1936 to 1941, imported these drugs, to write in not later than December 8 in the case of natural liquorice root and not later than December 11 in the case of gum guaiacum. The Section will then send out the necessary forms of declaration, on which returns of importations can be made, and these will form the basis of recommendations.

There are no alterations to report in the prices of essential oils but there are two changes in the controlled prices of fixed oils in the next period. High prices continue to be mentioned for ANISE and PEPPERMINT.

Pharmaceutical Chemicals

ACETANILIDE.—Makers quote at 2s. 5d. per lb for crystals and 2s. 6d. for powder.

ALLOBARBITONE.—Quoted by makers a 60s. per lb.

AMPHETAMINE.—Makers' price is unchange at 150s. per lb.

BENZOIC ACID.—Current price per lb. i unaltered at 3s. to 3s. 6d., according to quantit

BENZYL BENZOATE.—Available for approve purposes at 4s. 6d. to 5s. 6d. per lb., accordin to quantity.

BORIC ACID.—B.P. quality is quoted b makers as follows: Granulated, £70 per ton crystal, £71; powder, £72. Packed in one-cw bags, delivered carriage paid in Great Britain i one-ton lots and upward. Commercial grad £8 per ton less.

BRUCINE.—Current rates per oz. are a follows: ALKALOID.—Under 25 oz., 1s. 4½d. 25 oz. and under 100 oz., 1s 4d.; 100 oz. an under 500 oz., 1s. 3½d. NITRATE AND SULPHATE —Under 25 oz., 1s. 3½d.; 25 oz. and under 10 oz., 1s. 3d.; 100 oz. and under 500 oz., 1s. 2½d

CALAMINE, B.P.C.—Currently quoted a follows: 7 lb., 1s. 8d. per lb.; 28 lb., 1s. 6d.

DEXTROSE.—Current prices per lb., in lo of 28 lb.–1 cwt., are as follows (containers i brackets): 1s. 2¼d. (1-lb.); 1s. 1¼d., (2-lb.) 1s. 0¾d. (4-lb.); 11¾d. (7-lb.); 11¼d. (14-lb.) 10¾d. (28-lb.).

HOMATROPINE.—Makers' prices per oz. a as follows (prices per gram in brackets) ALKALOID, 1 oz., 97s. 6d.; 4 oz., 92s. 6d. 16 oz., 87s. 6d. (6s.). HYDROCHLORIDE, HYDRO BROMIDE and SULPHATE, 1 oz., 75s.; 4 oz., 70s 16 oz., 65s. (3s. 2d.).

LACTATES.—Prices are unchanged as follow LACTIC ACID.—Six-winchester lots, 2s. 10 per lb.; smaller quantities, 2s. 11d. CALCIU LACTATE.—Small quantities, 2s. 3d. per l CALCIUM SODIUM LACTATE.—Powder, small lot 3s. 5d. per lb.; 14-lb., 3s. 2d.; 28-lb., 3s granular, one penny per lb. extra.

PHENOLPHTHALEIN.—Current rates are a follows: Less than 7 lb., 4s. 8d. per lb.; 7 l 4s. 7d.; 14 lb., 4s. 6d.; 28 lb., 4s. 5d.; 1 cwt 4s. 4d.

SANTONIN.—Home trade prices are as follow 10 kilos and over, £62; not less than 5 kilo £63; 2–4 kilos, £64; 1 kilo, £65; 500 gm., £66 250 gm., £67; 100 gm., £68; less than 100 gm £69 per kilo. Carriage paid in United Kingdon

TERPINEOL.—Prices of pure medicinal qualit remains at 3s. 3d. to 4s. per lb., for antisepti of the chloroxylenol type.

VANILLIN.—The agreed prices are unchange as follows: 5 cwt., 21s. per lb.; 1 cwt., 21s. 3d 56 lb., 21s. 6d.; less than 56 lb., 21s. 9d. per l

Crude Drugs

ARECA NUTS.—Spot price of wormy Ceylon teady at 90s. per cwt., ex store.

BELLADONNA.—Indian leaf is firm on spot t 5s. 7½d. to 6s. per lb., according to test; oot is scarce.

BENZOIN.—Spot stocks of Sumatra are xhausted.

CARDAMOMS.—Quiet and without price altera-ion. Aleppy greens, spot, 5s. 6d. per lb.; leppy seed, 6s. 6d.; split seed, 5s. 6d.

CHILLIES.—Mombasa are quoted on spot at 10s. per cwt.; no other varieties are offered.

CLOVES.—Zanzibar may be obtained at s. 4½d. per lb.

COLOCYNTH.—Quotations are steady at from s. 7½d. to 2s. 9d. per lb., according to holder.

DIGITALIS LEAVES.—Portuguese leaf con-inues to be priced at 140s. per cwt., and English t 2s. 6d. per lb.

ERGOT.—The spot price of any available upplies of good-quality material would be s. 6d. per lb.

GUM ACACIA.—Spot price of Kordofan cleaned orts is steady at 80s. per cwt.; bleached, spot, uoted at 185s.; Talha, cleaned, 50s. per cwt., nded.

KAMALA.—Material yielding 6 per cent. ash ould be worth 2s. 6d. per lb.

MYRRH.—Aden sorts, firm at £20 per cwt.

NUTMEGS.—West Indian, wormy and broken, ot, 1s. 5d. per lb.; sound unassorted, 1s. 7½d.

NUX VOMICA.—Cochin, spot, steady at 2s. 6d. per cwt.; shipment, 35s., c.i.f.; Co-anada seed, shipment, 32s. 6d. per cwt., c.i.f.

PAPAIN.—Price of good-testing Ceylon is nchanged at 8s. per lb.

PEPPER.—Maximum prices of whole pepper, ot picked over or cleaned, on sale to processors, s. 4d. per lb. for white and 1s. per lb. for black.

RHUBARB.—A few odd cases of rough-round re selling at 13s. per lb.

SARSAPARILLA.—It is understood that quotas f native red duly arrived, but there appear to e no offers on the market.

SEEDS.—Quiet conditions obtain, with a few nquiries but inadequate supplies. Current ates are as follows: CORIANDER.—Indian, 75s. er cwt. CUMIN.—Maltese, spot, 105s.; Indian, 00s. DILL.—90s., ex wharf. FENNEL.—Offered t 85s. FENUGREEK.—May be had at 80s. MUSTARD.—Controlled prices are unchanged.

SENNA.—Alexandrian medium pods are at s. per lb.; Tinnevelly, manufacturing grade, d. to 6½d.; hand-picked, 8½d. to 1s.; broken lexandrian leaves, 1s. 3d. to 1s. 4d.; siftings, s. 2d.; Tinnevelly, No. 1, 9d. to 10½d.; No. 2, d. to 7½d.; No. 3, 5½d. to 6d.

SQUILL.—Portuguese bulb is unchanged on ot at 75s. per cwt., and Indian at 70s.

STROPHANTHUS SEED.—100 per cent. Kombé eed may be obtained on spot at 7s. to 7s. 6d. er lb., according to quantity.

TRAGACANTH.—Medium grades are quoted as follows: No. 1, white, £130 per cwt.; No. 2, white, £115; No. 3, white, £100; No. 4, white, £85; pale leaf, £60; amber leaf, £50; dark amber, £40; brown leaf, £30; red-and-brown leaf, £25; red leaf, from £20; hoggy, £12 to £15.

TURMERIC. — Sound-quality Madras finger may be had on spot at 57s. 6d. per cwt.

WAXES.—BEES'.—Supplies continue to be available only through members of the Association of Merchant-Distributors of Beeswax, Ltd., at the following prices per cwt., delivered at store U.K., effective from October 16, for ton lots: Madagascar crude, 205s. to 230s.; other sorts of crude, 238s. to 245s. (Calcutta sorts unavailable); British refined, 275s. to 305s.; British bleached slabs, 300s.; British bleached discs, 320s.; Lots of under one ton, at premiums as follows: 10–20 cwt., 2s. 6d. per cwt.; 5–10 cwt., 5s. per cwt.; 1–5 cwt., 10s. per cwt.; under 1 cwt., at premiums as arranged by Association members at their discretion. CARNAUBA.—Fatty grey, 465s. to 480s. per cwt., ex store, in minimum one-bag lots; shipment, 395s., c.i.f.; Primeira, 525s. to 535s. per cwt., ex store; shipment, 450s., c.i.f.; medium yellow, nominal; shipment, 440s., c.i.f.; chalky grey, nominal; shipment, 380s., c.i.f. (c.i.f. prices include ½ per cent. W.R.I.). CANDELILLA.—Under 1 ton, 220s. per cwt.; 1–5 tons, 217s. 6d.; 5 tons and over, 215s., ex store.

Essential and Expressed Oils

ANISE (STAR).—No change has occurred in the position; for small lots, 160s. per lb. is mentioned.

CLOVE.—No change in English distillers' prices at 12s. 6d. to 13s. per lb., according to quantity.

COCONUT.—Refined deodorised is officially priced at £49 per ton, and refined hardened deodorised at £53 for bulk supplies.

EUCALYPTUS.—Oil containing 50 to 75 per cent. cineole would be worth about 8s. per lb., if available.

GINGERGRASS.—Any available small spot supplies would be worth 22s. 6d. per lb.

NUTMEG.—English distillers' prices are steady at 32s. 6d. per lb., with lower rates for quantities.

OLIVE (EDIBLE).—The price charged to the wholesaler by the importer is 25s. 9d. per gallon, ex store. Prices charged by wholesalers to retailers are agreed by the Ministry of Food as follows: 33s. 6d. per gallon, in 1-gallon loan cans; 34s. 3d. per gallon, in ½-gallon loan cans; 35s. per pallon in 1-quart loan cans; 36s. per gallon in 1-pint loan cans.

Unrefined Oils and Fats.—The Ministry of Food announces that the only changes in the existing prices of unrefined oils and fats and technical animal fats allocated to primary wholesalers and large trade users during the four weeks ending December 30 are: Castor oil, reduced by £10 to £82 per ton for "firsts" and £80 for "seconds," naked ex works; rapeseed oil, increased by £3 per ton to £88, naked ex works.

CORRESPONDENCE

In Whose Interest?

SIR,—At a meeting of the Peterborough Branch of the Pharmaceutical Society, held recently to receive the reports of delegates to the Branch Representatives' meeting in London on November 2, a resolution passed at that meeting urging that dispensing be done "by or under the supervision of a qualified pharmacist" was welcomed. The secretary of the Society apparently took the view that this savoured too much of self-interest. Surely it is in the public interest that the man trained to dispense should do the dispensing.—Yours faithfully,

Peterborough. B. WRIGHT.

Women Pharmacists' Remuneration

SIR,—The approval by the National Joint Industrial Council for Retail Pharmacy of different scales of remuneration for men and women doing equal work (see *C. & D.*, November 25, p. 558) does not demonstrate a progressive, or even a practical, attitude. To perpetuate officially a state of affairs which existed when pharmaceutical employees were unorganised, and forced by the necessity of earning a living to accept any circumstances offered, is absolutely retrograde. There is abundant evidence that, in pharmaceutical work, qualified women are equally as capable as men, and the results of their efforts equally valuable to an employer; to make these efforts available at a lower rate will in practice keep down men's salaries too. Pharmaceutical employees should be appointed on merit only, because of the responsibility they must accept. Do not qualified women merit their appointments, or are they preferred on grounds of economy? Two facts stand out clearly: first, increased education means more women entering the professions with precisely the same equipment as men and, owing to the unequal sex ratio, enhanced by wars, more women being compelled to continue to earn salaries; secondly, men are not paid according to their family responsibilities. Those who are conscious of the development of society realise that there is no justification for paying a woman less than a man for doing the same work, and that to recommend such an arrangement is degrading to women.

Yours faithfully,

M. C. Islip (on behalf of committee),

NATIONAL ASSOCIATION OF

London, W.C.1. WOMEN PHARMACISTS.

C. & D. DISPENSING PRICE LIS

THE index cost for drugs advanced November, mainly on account of sever items in common use. The change w from 134·9 in October to 135·2 in Novembe the comparative figure in 1943 being 134·

Cost		*Due allowance has been made for purchase tax in both cost and dispensing prices*	Dispensing price		
d.	*per*		4 oz.	1 oz.	1 d
			s. d.	*s. d.*	*s.*
16	oz.	Acid. gallicum ..	—	2 4	0
48	lb.	Apii grav. sem. (celery)	1 9	0 7	0
13	gr.	Apomorph. hydrochlor. S.1 (4)	per	gr.	2
72	lb.	Aqua camph. conc.	—	0 11	0
56	oz.	Caffeina et sodii iodidum	—	10 0	1
81	oz.	Carminum opt. ..	—	11 9	1
58	lb.	Cera alba in massa	2 2	0 9	0
60	lb.	Cera alba in placentis	2 2	0 9	0
54	lb.	Cera flava exot. ..	2 0	0 8	0
78	dr.	Cotarninæ hydrochlor. S.1 (4)	per gr	. 0 6	11
78	dr.	Cotarninæ phthalas S.1 (4)	per gr	. 0 6	11
26	lb.	Creta c. camph. 10%	1 0	0 4	—
11	gr.	Emetin. et bismuth. iod. S.1 (4)	per gr	. 1 11	—
14	gr.	Emetin. hydrochlor. S.1 (4)	per gr	. 2 2	—
18	oz.	Est. senegæ liquidum	—	3 2	0
17	dr.	Ferri valerianas ..	—	—	2
84	lb.	Inf. senegæ conc...	3 3	1 0	0
78	lb.	Lin. aconit. oleos. meth. S.1 (5)	3 0	0 11	0
56	lb.	Lin. camph. (c. ol. arachis)	2 3	0 9	0
46	lb.	Lin. camph. ammon. meth. P.11 (9)	1 11	0 8	0
23	lb.	Lin. saponis meth.	1 2	0 5	0
164	oz.	Ol. anisi	—	—	3
20	dr.	Ol. cassiæ	—	—	2
89	dr.	Papaverina S.1 (4)	per	gr.	0
89	dr.	Papaverinæ sulph. S.1 (4)	per	gr.	0
9	oz.	Spt. camphoræ ..	—	1 6	0
19	lb.	Syr. tolutanus ..	1 2	0 5	0
66	lb.	Tr. gelsemii P.1 (9)	2 5	0 9	0
92	lb.	Tr. senegæ ..	3 6	1 1	0
96	oz.	Zinci valerianas pulv.	—	—	2

"C. & D." Quiz No. 42.—The answers to questions on p. 578 are: 1. Solution of z chloride. 2. Gossypium capsici, B.P.C. 3. Ac gelida, cold water. 4. Ung. mercuri.e, B.P 5. Pil. coloc. co. 6. Hydrated ferric ox i 7. Dec. aloes co. 8. Liquid paraffin. 9. Fuc B.P.C. 10. Tinct. benzoin. co.

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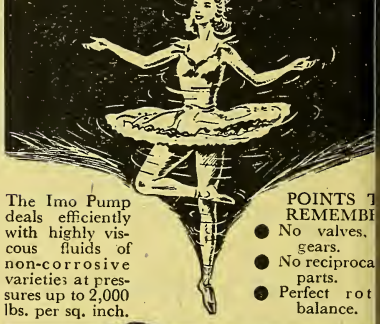

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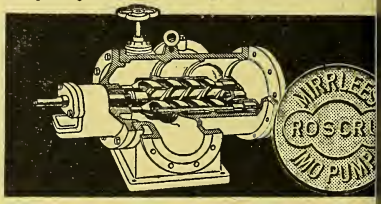

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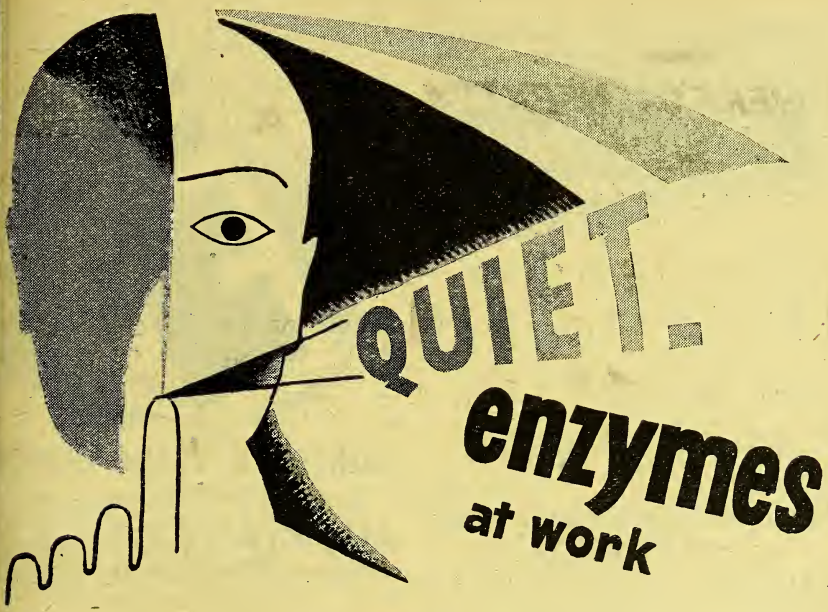

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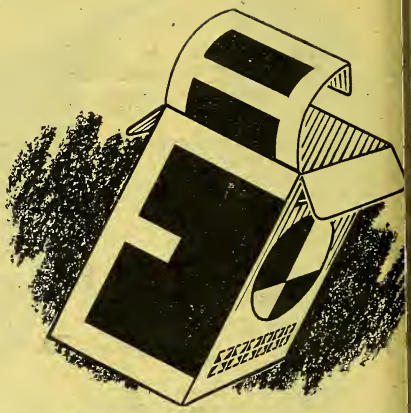

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DECEMBER 2 1944

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WHOLESALE

AGENTS wanted, well introduced to the Chem trade in the London area. 587/121, C. & London Office.

ALLEN & HANBURYS, LTD., Vere Street, W require the services of a keen Male Pharmac for their Dispensing Department. Apply by letter the Manager.

AN old-established Firm of Agricultural a Horticultural Chemists, have Vacancies f Travellers calling on Chemists, Seedsmen and Iro mongers in the following territory: Nottinghamshi Derbyshire, Leicestershire, Northamptonshire, Be fordshire, Huntingdonshire, Rutland, Norfolk, St folk, Essex, Cambridgeshire, Oxfordshire, Buckin hamshire, Berkshire, Hertfordshire and South Wal State age and full particulars as to past experien and present Agencies. On a commission bas 587/133, C. & D. London Office.

ANALYTICAL Chemist required by Lond Manufacturing Chemists, working under Esse tial Works Order. Practical works experience general routine analysis and alkaloidal assays drugs, including opium, essential. Reply, givi particulars of experience, salary, etc., to 578/70 C. & D. London Office.

ASSISTANT Office Manager required by rapid expanding Firm of Manufacturing Chemis (E.W.O.), S.W. London. Permanency with goo prospects for man aged 28–35 years, accustomed t general office routine. 587/123, C. & D. London Offic

BOOK-KEEPER/CASHIER required in Boreha Wood; man exempt from military service, a woman; experience essential. Write, giving e perience and salary asked, to Box 1593, White Ltd., 72–78 Fleet Street, London, E.C.4.

CHEMIST required to take charge of manufactu and research. Cosmetics, Medicines, Polishe Good salary and prospects. Send details experienc references, etc., British Surgical & Drug Co., Ltd Fortess Grove, N.W.5.

DISPATCH Manager wanted by Wholesale Firn applicant must have experience to manage fleet of ten vans, town and country; and shou also be acquainted with licences (shipping and e port). Full details should be written confidential to 588/157, C. & D. London Office.

FACTORY Manager required by old-establishe firm of manufacturing confectioners specialisin in medicated goods. Although not essential, chemist's degree would be an advantage. Applica should be 35 to 45 years of age with experience of a classes of sugar confectionery. The post is a ver remunerative one and there are prospects of furth advancement. Only gentlemen with highest qualific tions need apply. 588/147, C. & D. London Office.

LIVE Representatives required by progressiv Wholesale Distributors for Dorset, Devo Cornwall, Somerset and Wales. Good prospec after war. Commission basis at present. Please sen full particulars to 588/180, C. & D. London Office.

MANUFACTURING Chemists (London) re quire Assistant—not liable for service, n necessarily qualified—but with knowledge of Whol sale Drug Trade. Duties spread over several depar ments. Good salary. Comfortable position for righ man. 48-hour week. Usual particulars, age, etc in first letter. 586/110, C. & D. London Office.

MIDLAND Drug House requires Representativ for Birmingham and West Midland area. Goo knowledge of trade and district essential. Particula to 588/168, C. & D. London Office.

EDICAL Representatives. Prominent manufacturing firm near London invite applications n Pharmacists with some knowledge of theratics for post-war Representation at home and oad. Age 28–35; experience in good-class armacy and/or hospital desirable. Appointments permanent and offer scope for advancement, l since they may not be made until the termination nostilities, applications are invited from those who not available until then. Applications, which will treated in confidence, should be in fullest detail to education, experience, etc. Write to 584/937, & D. London Office.

ACKER and Stock-keeper required in Proprietary Medicine business; W.C.1. district; 5-day k; must be over military age. State experience l salary required, Box 368A, Smiths, 100 Fleet eet, E.C.4.

ILL Maker required for Manufacturing House, N.W. London. Permanent and progressive portunity; should be over military age or exempt r service. State experience and wages required. /127, C. & D. London Office.

EPRESENTATIVES required to obtain Orders for Petroleum Jelly, Liquid Paraffin, Stearic d, Technical White Oil, Borax, Waxes, Gums, s, Dyes, Labels, Perfumes and Emulsifiers requir- the addition of water only to make excellent parations, far superior to most obtainable at sent. Also for bottles, jars and tins, screw caps, tons, cases, etc. The British Surgical & Drug Co., l., Fortess Grove, London, N.W.5.

ABLET Maker wanted for N.W. coastal town. Only man with first-class experience and rough knowledge of sugar and pearl coating need bly. The successful candidate to take charge of nt and be able to control staff. Qualifications an vantage but not absolutely essential. The position permanent and holds good prospects. Applications uld be marked "Managing Director," and will be ated with strictest confidence. 586/101, C. & D. ndon Office.

SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word.

RETAIL (HOME)

IRMINGHAM or Neighbourhood. Engagement desired. Experienced all branches. A.1. ferences. Unqualified. Usual stipend. "Hanley," Church Road, Erdington, Birmingham.

XPERIENCED Secretary/Dispenser desires post with doctor, hospital, or institution near Birngham. 588/160, C. & D. London Office.

ADY Beauty Expert now controlling Perfumery Department of important store, offers services, ilar or other capacity. Salary £450. CDB/342, & D. London Office.

NQUALIFIED (40), 25 years' experience, five years as company director, desires position of st where ability is appreciated. Salary and offers CDB/343, C. & D. London Office.

OCUMS SEEKING ENGAGEMENTS

UALIFIED Lady, exempt, desires Locums, December 11–23, December 27–29, January 1 wards. 39 Brunswick Road, W.5.

WHOLESALE

CTIVE, versatile man (50), long unique experience retail, wholesale, manufacture and proction pharmaceuticals, toilet, cosmetics, etc., seeks t in New Year. Highest credentials. "System," B/345, C. & D. London Office.

CTIVE Representative (33), exempt, wishes to represent reputable firm. Area London and/or me Counties. References furnished. 588/173, & D. London Office.

CHEMIST-CHEMICAL Engineer requires position as Works Manager or Development Manager. Wide experience in development and production of fine chemicals, pharmaceuticals, synthetic vitamins and vitamin extracts. Good labour controller. 588/176, C. & D. London Office.

EXPORT. Man, 23 years' experience Drugs, Sundries, etc., seeks position. Extensive knowledge overseas routine. Capable taking charge or organising new department. L, 79 Groveley Lane, Birmingham, 31.

EXPERIENCED Representative, having excellent connexion with Chemists in the counties of Surrey, Berks, Bucks, Beds, Oxon, Herts, Northants, Suffolk, Norfolk, Lincs, Notts, Cambs, Hunts, Leicestershire, Warwickshire, Essex, seeks position with House of repute. Salary, expenses, and commission. 586/104, C. & D. London Office.

GENTLEMAN Representative, 32, exempt; with experience. Connexions Chemists and Stores Greater London. Seeks post with reputable firm. With or without car. 588/162, C. & D. London Office.

MAN with 25 years' retail experience seeks position of trust, outside or inside; some capital available; place where ability is appreciated. Salary and offers to CDB/344, C. & D. London Office.

PUBLICITY AND ADMINISTRATION. Pharmacist, University graduate, with twenty years' experience technical journalism and executive posts, indefatigable worker with a large number of contacts among hospital and retail pharmacists, desires suitable appointment with wholesale or manufacturing chemists of ethical and progressive outlook. Excellent credentials and distinctive ability offered. Please communicate with 587/136, C. & D. London Office.

REPRESENTATIVE, with first-class experience and connexion amongst retail and wholesale chemists in the Midlands, seeks permanent progressive position on a salary, expenses, and commission basis with reputable firm. 588/159, C. & D. London Office.

REPRESENTATIVE, connexion Yorkshire and four North-East Counties; Sanitary Towels; desires change. Commission basis. Write 588/172, C. & D., London Office.

REPRESENTATIVE, free January 1, 1945, extensive and valuable connexion with Chemists, Co-ops, and Departmental Stores throughout Lancashire, seeks appointment with reputable manufacturers. Reply 588/171, C. & D. London Office.

APPOINTMENTS

SURREY COUNTY COUNCIL

ASSISTANT PHARMACISTS

KINGSTON COUNTY HOSPITAL, Wolverton Avenue, Kingston-on-Thames. Must be M.P.S. or Ph.C. Salary grade, £250 × £10—£300 p.a., plus war bonus (19s. p.w. male, 15s. 6d. p.w. female). Permanent staff if female applicant.

BOTLEYS PARK WAR HOSPITAL, CHERTSEY; ST. HELIER COUNTY HOSPITAL, CARSHALTON; and WARREN ROAD HOSPITAL, GUILDFORD. Salary as for Kingston. Temporary war-time appointments. All applications to Medical Superintendent of appropriate hospital.

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WANTED

7/6 for 36 words or less, 2d. for every additional word.

ASPIRIN Powder, Crystals, Tablets wanted by actual user. Highest market prices paid. 578/714, C. & D. London Office.

ASPIRIN Powder, Crystals, Grans., and 5-grain tablets, required in large or small quantities. Highest market prices paid. 442/304, C. & D. London Office.

AUTOMATIC Cream Filler wanted at once; big price paid. Shavex Co., Bavaria Road, Holloway, N.19.

CASH Registers, National, Remington and Gledhill. Wanted for spot cash. All sizes, age immaterial, any quantity entertained. Amalgamated Business Machines, Ltd., 64 Mortimer Street, Oxford Circus, W.1. Phone MUSeum 0941. Repairs, Sales, Exchanges, Supplies, Rolls, Ribbons, etc.

WANTED to purchase, Cameras, Enlargers, and all Photographic Apparatus, Exposure Meters, Tripods, etc., Microscopes, Binoculars, Cine Cameras, and Projectors. Prompt cash and high prices offered. Wallace Heaton, Ltd., 127 New Bond Street, London, W.1.

WANTED, Phenazone, any quantity, large or small. 587/125, C. & D. London Office.

BUSINESSES WANTED

7/6 for 40 words or less, 2d. for every additional word.

ADVERTISER wishes to purchase (for cash) a high-class Pharmacy, with good Dispensing connexion, and a pre-war turnover of not less than £10,000 p.a. in a busy and well-populated residential town in Bucks, Berks, Hants, Oxon or Wilts. Particulars in strict confidence to 585/968, C. & D. London Office.

HILLIER, PARKER, MAY & ROWDEN, Surveyors and Valuers, 77 Grosvenor Street, W.1, have applications for several sound and progressive single-shop Businesses occupying premier trading positions in London and Provinces, or a Group Concern would be seriously considered. Owners contemplating sale or their solicitors are invited to write for further information to Hillier, Parker, May & Rowden, 77 Grosvenor Street, W.1.

WANTED to Purchase, a small Wholesale and/or Manufacturing Chemist's Business. References exchanged after first correspondence. 588/175, C. & D. London Office.

AGENCIES

7/6 for 36 words or less, 2d. for every additional word.

ACTIVE Northern Ireland Agent desires to contact manufacturers of high-class preparations, view to representing present and post-war; has entrance to best Wholesale and Retail Chemist and Grocery Houses. 588/179, C. & D. London Office.

A RELIABLE Parsee Firm of nearly fifty years' standing in Bombay, and representing British firms and manufacturers, desires further Agencies in patent medicines, drugs, chemicals, toilet requisites, provisions, paper, cutlery, etc. Messrs. Framjee & Son, P.O. Box 542, Fort, Bombay, 1, India.

BELGIAN (25), now in London, with excellent connexions in Chemical and Pharmaceutical trades in Belgium, wishes to contact manufacturers with a view to their representations. Write, Bultot, c/o Belgian Chamber of Commerce, 8 Union Court, E.C.2.

BUSINESS gentleman, shortly returning to G raltar, desires contact Firms open for exp to Gibraltar and Tangier of Toilet Requisites, Ch ist Sundries, and Optical Goods; highest referen Box 670, Eason's Advertising Service, Belfast.

CHEMISTS' Sundries. Scottish distributors requ packed or carded lines for this trade, buyi commission or sole agency basis. Full particul on application, Box No. 2111, Wm. Porteous & Glasgow.

LONDON Manufacturing Chemists marketing hi class Pharmaceutical preparations, now pointing Provincial Agents, invite inquiries fr distributing firms and gentlemen desiring additio lines; generous commission. 588/156, C. & London Office.

MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words or l

BOTTLE-FILLING Machine for Sale, rotary 9-h type. Barnett & Foster make. As new. Ph Gulliver 5781.

CASKS for Sale, 20 in. × 29 in., 4s. 6d. each, lots of 30. Not suitable for liquids. Stocks London ready for immediate delivery. 584/9 C. & D. London Office.

FOR immediate disposal, new and second-ha Chemical Plant and Equipment; cost appr imately £2,700; items can be purchased separat For list, apply to Orridge & Co., Columbia Ho Aldwych, W.C.2.

FOR Sale, "Kestner" Evaporating Unit, capac 300 lb. per hour. Climbing Film Type, co plete with electrically-driven auxiliaries. Ba metric Type Vacuum Pump. Can be seen instal in working order in London. Please write, 588/1 C. & D. London Office.

FOR Sale, 110 lb. genuine Spanish Spike Laven Oil, 45s. per lb. Carl Mumby (Productio Ltd., 37 St. Peter's Avenue, Cleethorpes, Lincs.

NAME plates for Chemists. Neatly engrav Send wording for full-size sketch and (enclose 3d. stamps). G. Maile & Son, Ltd., Eng vers, 367 Euston Road, London, N.W.1.

ROTARY Tablet Press, with spare table, at p sent equipped with 1½" square and ½" squ dies and punches; geared mixing hopper, depend pulley drive; unused since complete renovati can be viewed London; £365. 588/155, C. & London Office.

WEIGHING and Filling Machine for Powde Southall & Smith, as new. Capacity 15 minute for weighings of up to 8 oz. Bladen Dairi Ltd., Rossmore Road, N.W.1. Telepho Padd. 2484.

BUSINESS OPPORTUNITIES

7/6 for 40 words or less, 2d. for every additional word.

AMPOULES. Manufacturing Chemists with exp staff would undertake ampouling of specialiti etc. 588/170, C. & D. London Office.

PACKAGING Work undertaken. Well-kno Food Manufacturers will have dry filling a packaging capacity free after Xmas and wish contact Manufacturers of Pharmaceutical Produ in London or Home Counties requiring additio packaging facilities. Communicate, 586/996, C. & London Office.

PALESTINE. Experienced and qualified pers in closest friendly contact with local Pharm ceutical Manufacturers, seeks Representation f supplies to this industry of drugs, chemicals, emp ampoules, bottles. Please answer for airmail tra mission to 586/991, C. & D. London Office.

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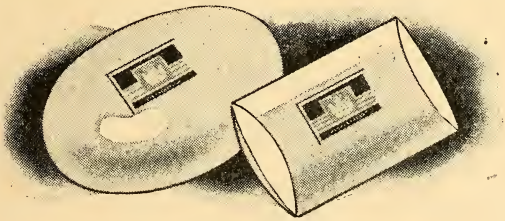

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